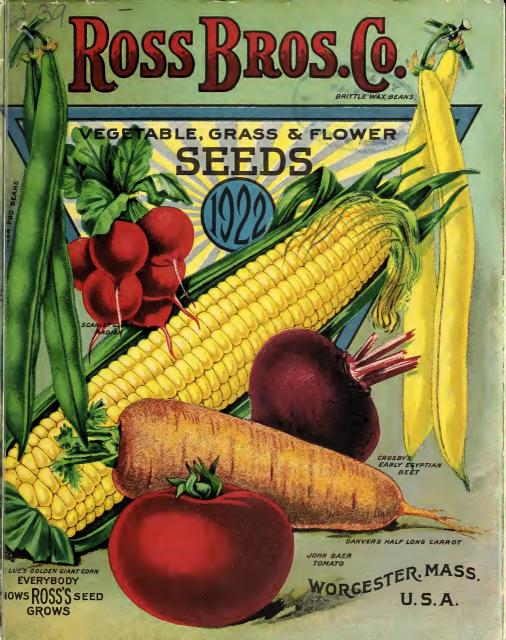
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Do not assume content reflects current scientific knowledge, policies, or practices.





ROSS' HOME GARDEN COLLECTION

A BIG VALUE OFFER - A full size packet of the ten varieties listed below sent postpaid for 80 cts. to any address

EARLY WONDER BEET

One of the earliest and most perfectly shaped Beets. Its beautiful, deep blod-red color, globular-shaped roots, make it valuable for the home garden. The attractive appearance, uniform size, shape, and color, have created a very heavy demand for this variety. It is grown very extensively for late sowing. Pkt. 10 cts. See page 27.

COPENHAGEN MARKET CABBAGE

The earliest large round-headed cabbage yet introduced. The heads are exceptionally large for so early a variety, very solid and of most excellent quality. The plants are vincrous but control to the plants are vincrous but control to the very large very control to the very large very l

DANVERS HALF LONG CARROT

A well known rich orange-red variety, very smooth and handsome, producing stra heavy crops. An excellent market variety, crisp, sweet and tender. Although the roots are short, they produce as large a bulk as the longer field sorts and are more easily harvested. This variety has yielded 25 tons per acre. We have given this our special attention and offer at this time as good strain of seed as is possible to obtain. Pkt. 10 cts., see page 31.

EARLY SNOWBALL CAULIFLOWER

The earliest and surest to head. Probably more largely used than all others combined. We offer an unsurpassed strain from one of the leading growers in Denmark. Ptt. 20 cts. See page 32.

GOLDEN GIANT SWEET CORN

DeLue's Golden Giant excels all other early varieties in size, productiveness and quality, and all the late varieties in unality and early maturity. It is the one corn for the home or market gardener who wants the greatest amount of highest quality corn in the shortest period of time from the smallest piece of land. Pkt. 15 cts. See page 19.

EARLY FORTUNE CUCUMBER

The most uniform and best colored Cucumber of recent introduction. The plant is early very victorus, with an exceptionity heavy, thick foliage and is almost exceptionity and an exception of the color, signify tapering toward each enduction of the color, signify tapering toward each enductive tyrond and of a very rich, dark green color which does not fade in shupping; flesh very thick, firm and crisp and with an exceedingly small seed cavity. Pkt. 10 cts. See page 33.



BLACK SEEDED TENNISBALL LETTUCE

More extensively grown in New England than any other variety, both for first outdoor crop and for main crop, the medium sized heads being the size most liked by gardeners, while its compact form allows it to be grown more closely together than others. Leaves plain, thick, dark green; blanches to a rich creamy white inside. Pkt. 10 cts. See page 35.

SCARLET GLOBE RADISH

OUR SCARLEY GLODE RADISH is a very early globe-shaped radish suitable for forcing or onen ground. The radishes are of haddenone one, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest strain, grown from transplanted roots, and will be found unsurpassed. Ptt. 10 cts. See page 43.

BLUE HUBBARD SQUASH

The Symmes Blue Hubbard is an entirely distinct variety, resembling the Warted Hubbard in shape. It is a pale light-blue color, very thick meated, dry not be surpassed. The Blue Hubbard is an exceptional heavy cropper, producing an extraordinary number of squashes, which, though not of the largest, are of even size, thus making it very easy to the state of the state

JOHN BAER TOMATO

An extra early scarlet fruited variety of superior merit. The vines are very hardy and exceptionally productive. The fruits are the largest of the extra early They are nearly round, smooth, firm and of excellent quality. It is one of the earliest to ripen and it continues to furnish marketable fruits much longer than the other very early varieties. It is a very valuable sort for market zardeners use. Pkt. 10 cts., see page 46.



John Baer Tomato



Scarlet Globe Radish



ROSS BROS. CO.

New England's Greatest Agricultural Department Store. Established in 1845 by John D. Lovell; in 1880 by Wm. H. Earle; in 1888 by Ross Bros.; in 1906 incorporated under the name of Ross Bros. Co.

U. S. Food License No. G. 12956

Members of the American Seed Trade U. S. Fertilizer License No. J. 2163 Association

GENERAL INSTRUCTIONS FOR CUSTOMERS

PLEASE READ CAREFULLY

ROSS BROTHERS COMPANY gives no warranty, expressed or implied, as to description, purity, productiveness or any other matter, of any Seeds, Bulbs or Plants it sends out, and it will not be in any way responsible

Seeds, Bulbs or Plants it sends out, and it will not be in any way responsible for the crop.

ORDER EARLY—We endeavor to fill all orders as soon as received, but during the rush season of April and May, delays are sometimes unswoidable. This, however, can be partly overcome if our patrons will seem in the partly overcome if our patrons will seem in the partly overcome if our patrons will seem in the partly overcome if our patrons will seem in the partly overcome if our patrons will seem in the partly overcome if our patrons will seem in the partly overcome if our patrons will seem in the partly overcome if our patrons will seem in the partly overcome if our patrons will be pound by our patrons of the partly overcome in the partly overcome in the partly over the partly overcome in the partly overcome overcome in the partly overcome overcome overcome in the partly overcome overcome in the partly overcome overcome overcome in the partly overcome overcome in the partly overcome overcome overcome in the partly overcome overcome overcome overcome overcome in the partly overcome overcome overcome overcome in the partly overcome in the partly overcome in the partly overcome in the partly overcome in the par

See Parcel Post rates below.

GRASS AND FIELD SEEDS—All Grass and Field Seeds, Onion Sets and Fotatoes are shipped only at purchaser's expense by express or freight, as ordered. Prices quoted in this catalogue are F. O. B. Worcester. Small quantities of Grass or Field Seeds sent by Parcel Post if postage is added at parcel post rates.

DO NOT ORDER LARGE, HEAVY LOTS OF SEEDS SENT BY EXPRESS unless you are certain that you are willing to pay the express charges, which even with the reduction now made on such shipments by the property of the property of

if sent

if sent by express.

NOTICE—While it is not our custom to substitute we feel that in the event of our being sold out of any variety it would be to the advantage of our patrons to allow us this privilege, for if on receipt of any substitute it is not perfectly satisfactory the same may be returned and money paid will be refunded.

IF GOODS ARE WANTED BY PARCEL POST. POSTAGE MUST BE ADDED AS PER TABLE BELOW, EXCEPT FOR THOSE QUANTITIES

QUANTITIES

DELIVER FREE.

DELIVER FREE.

REMITTANCES for small orders may be made in postage stamps, but if stamps are used, care should be taken that they are not moistened by handling. Enclosing in oiled paper is much the safer way to send

them.

FOR LARGE ORDERS, remittances should be made by Express Money Ordre, P. O. Money Order, Bank Draft, or Registered Letter, all of C. O. D. ORDERS. Do not task us to send goods C. O. D. If it is not possible to remit with the order, give your order to the Express Company's Agent; the goods will then be delivered to you without the C. O. D. charges, as by this method they make no charge for collecting and returning the money.

Parcel Post Rate Table

Lbs					4.7			- 4	
			1st-2nd	3rd	4th	5th	6th	7th	8th
1			\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2		.06	.06	.08	.11	.14	.17	.21	.24
3		.06	.07	.10	.15	.20	.25	.31	.36
4		.07	.08	.12	.19	.26	.33	.41	.48
5		.07	.09	.14	.23	.32	.41	.51	.60
6		.08	.10	.16	.27	.38	.49	.61	.72
7		.08	.11	.18	.31	.44		.71	
l á		.09	.12	.20		.50	.57		.84
					35ء		.65	.81	-96
9		.09	.13	.22	.39	.56	.73	.91	1.08
10		.10	.14	.24	.43	.62.	.81	1.01	1.20
11		.10	.15	.26	.47	.68	.89	1.11	1.32
12		.11	.16	.28	.51	.74	.97	1.21	1.44
13		.11	.17	.30	.55	.80	1.05	1.31	1.56
14		.12	.18	.32	.59	.86	1.13	1.41	1.68
15		.12	.19	.34	.63	.92	1.21	1.51	1.80
16		.13	.20	.36	-67		1.29		
						.98		1.61	1.92
17		.13	.21	.38	.71	1.04	1.37	1.71	2.04
18		.14	.22	.40	.75	1.10	1.45	1.81	2.16
19		.14	.23	.42	.79	1.16	1.53	1.91	2.28
20	*********	.15	.24	.44	.83	1.22	1.61	2.01	2.40
21		.15	.25	.46	.87	1.28	1.69	2.11	2.52
22		.16	.26	.48	.91	1.34	1.77	2.21	2.64
23		.16	-27	.50	.95	1.40	1.85	2.31	2.76
24		.17	.28	.52	.99	1.46	1.93	2.41	2.88
25		.17	.29	.54	1.03	1.52	2.01	2.51	
									3.00
26		.18	.30	.56	1.07	1.58	2.09	2.61	3.12
27		.18	.31	.58	1.11	1.64	2.17	2.71	3.24
28		.19	.32	.60	1.15	1.70	2.25	2.81	3.36
29		.19	.33	.62	1.19	1.76	2.33	2.91	3.48
30		.20	.34	.64	1.23	1.82	2.41	3.01	3.60
31		.20	.35	.66	1.27	1.88	2,49	3.11	3.72
32		.21	.36	.68	1.31	1.94	2.57	3.21	3.84
33		.21	.37	.70	1.35	2.00	2.65		3.96
		.21						3.31	
34		.22	.38	.72	1.39	2.06	2.73	3.41	4.08
35		.22	.39	.74	1.43	2.12	2.81	3.51	4.20
36		.23	.40	.76	1.47	2.18	2.89	3.61	4.32
37		.23	.41	.78	1.51	2.24	2.97	3.71	4.44
38		.24	.42	.80	1.55	2.30	3.05	3.81	4.56
39		.24	.43	.82	1.59	2.36	3.13	3.91	4.68
40		.25	.44	.84	1.63	2.42	3.21	4.01	4.80
41		.25	.45	.86	1.67	2.48	3.29	4.11	4.92
42		.26	-46	.88	1.71	2.54	3.37	4.21	5.04
43		.26	.47	.90	1.75	2.60	3.45	4.31	5.16
44		.27	-48	.92	1.79	2.66	3.53	4.41	5.28
45		.27	.49	.94	1.83	2.72	3.61	4.51	5.40
46		.28	.50	.96	1.87	2.78	3.69	4,61	5.52
47		.28	.51	.98	1.91	2.84	3.77	4.71	5.64
48		.29	.52	1.00	1.95	2.90	3.85	4.81	5.76
49		.29	.53	1.02	1.99	2.96	3.93	4.91	5.88
50		.30	.54	1.04	2.03	3.02	4.01	5.01	6.00
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tage always add it to foot of the Order as a separate item this will help to avoid mistakes.

Your local Postmaster will inform you what Zone you are in from Worcester, if you are in doubt, and you can add postage accordingly.

ANNUAL CATALOGUE OF ROSS BROS. CO. WORCESTER, MASS





The above photograph was taken at the Holy Cross College grounds, Worcester, Mass., six weeks after seeding with our Worcester and Shady Spot lawn seed.

The Worcester Lawn Grass Seed

PRODUCES QUICKLY AFTER SOWING

a luxuriant velvety growth of rich verdure. Eventually a firm, durable sward which, with proper care, will last for years

It is beyond question that a thicker and more prolonged growth is very generally produced by a combination of several grasses than by only one or two. The Worcester Lawn Grass Seed is a mixture of all of the species which are, because of their fine, even growth, adapted for the lawn. Most of these grasses have also some feature or features peculiar to the species which make it a component, like especially early growth, rapid development, hardiness, remarkable tenacity, remaining green late in the fall, permanency, etc. Combined in well-balanced proportions, the result of years of study and observation, the Worcester Lawn Grass Seed will produce in a few weeks a fine, velvety growth, and each succeeding season a continuous thick growth from early in the spring until the ground freezes, forming a close, firm turf which will bear frequent cutting and constant trampling without injury. And with reasonable care this desirable condition of the lawn may be maintained permanently.

Worcester Lawn Grass is a mixture of the highest grade seeds of foreign and native grasses. The mixture

Worcester Lawn Grass is a mixture of the highest grade seeds of foreign and native grasses. The mixture is heavier than those generally offered, weighing about twenty-five pounds to the bushel, and is as free from weed seeds as it is possible to make it with the most improved machinery. In all desirable features we claim for the Worcester Lawn Grass Seed, at least, an equality with the best that is offered by others; that it is superior to much that is offered we are certain.

We advise a minimum sowing of 120 pounds to the acre, but often a larger quantity would probably be preferable; 150 pounds would not be too much when the quickest possible effect is desired. A pound will sow about 300 square feet. Price, lb. 50 cts.; 5 lbs. \$2.40, 10 lbs. \$4.40, 100 lbs. \$4.00.

The Park Lawn Grass Seed

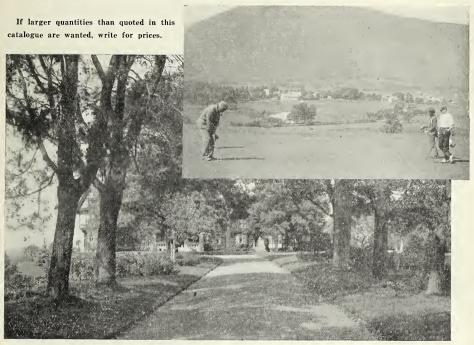
This mixture is prepared, as far as price will permit, on the same lines as our Worcester mixture. It is designed chiefly to meet a demand for a mixture somewhat lower in price for sowing various large areas and the less important places about the home, but is entirely adequate for all purposes. It comprises nearly all the varieties which form our Worcester mixture, though necessarily in slightly different proportions, and does not contain any coarse-growing varieties. Price, lb. 35 cts.; 5 lbs. \$1.60; 10 lbs. \$2.00.

2



EVERYBODY KNOWS ROSS SEED GROWS





The Shady Spot Lawn Grass Seed PRODUCES IN SHADED PLACES A FINE VELVETY GROWTH

Bare spots seriously affect the otherwise attractive appearance of many lawns, and while for renovating or filing such spots our Worcester or Park Mixtures are entirely sufficient, where such spots are caused by the shade of trees, a renovation can be better accomplished by the use of the Shady Spot Mixture. This is composed of varieties which thrive in shade. It includes all known varieties of this class otherwise adapted to the lawn, all of which are of dwarf habit and fine, even growth. To secure a good growth, however, the soil should be properly prepared before sowing seed. Soil that is naturally moist, which has been densely shaded, often becomes sour, which is indicated by a growth of moss and sometimes by bog grass. In such cases, the moss or grass should be removed, the soil thoroughly worked over, and an application of lime be given at the rate of one bushel to each thousand feet. If the soil and the three of the soil and add new soil and rotted turf, and thereby furnish humus, which soils on which nothing has grown for some time used as described in the growth will continue for some time, we do not claim the permanency for this that we do for the Worcester when used in the open exposure to the sun, as there are no grasses which, if cut often, will be as permanent in the shade as others in the open. This is specially true if the shade is very dense. We therefore advise yearly attention and applications of a small quantity of seed if growth is thin. Those who have hitherto been unable to secure a growth under trees because they have out used as special mixture, will find this of great appearance of the lawn.

Price, D. 55 ets; 5 bs. \$2.50: 10 lbs. \$4.80: 100 lbs. \$46.00.

Price, lb. 55 cts.; 5 lbs. \$2.50; 10 lbs. \$4.80; 100 lbs. \$46.00.

Golf Course Mixtures

FOR PUTTING GREENS AND FAIR GREENS

We have made a close study of the grasses used on Golf Courses and Pleasure Grounds, as there is no purpose for which turf is grown that is so exacting. No other grass is required to stand so much trampling and rough usage and it is very necessary that the correct proportions of the proper varieties be used to produce a firm, thick and lasting soft. The mixtures listed below are composed of native and European grasses which have proven of great value for this purpose. They are all of dwarf spreading growth, forming a close smooth surface which improves from year to year if given the proper care

For Putting Greens, lb. 75 cts., 24 lbs. (1 bu.) \$15.00. For Fair Greens, lb. 50 cts., 20 lbs. (1 bu.) \$9.50.

ALL PRICES IN THIS CATALOGUE ARE BASED ON THE LOWEST MARKET PRICES AT TIME CATALOGUE GOES TO THE PRESS, BUT THEY ARE SUBJECT TO MARKET CHANGES. THIS APPLIES TO BOTH ADVANCE AND DECLINE.

ROSS BROS. CO. WORCESTER, MASS.





Ross Bros. Co. Worcester, Mass Gentlemen:

Bryant Farm, Baldwinsville, Mass. A. B. Harwood, Owner.

I am enclosing a couple of snap shots of a pair of Clydesdale mares cutting grass on my farm that ran more than three tons to the acre by actual weight, seeded with Ross Bros. Co. special mixture. Yours respectfully, A. B. HARWOOD,

Mixture for Mowing for Medium Soil

On soil which is of average natural fertility and neither unusually dry nor wet, well enriched before sowing and regularly top-dressed, in short, on soil which will produce good timothy hay, this mixture will produce at first cutting a larger crop and a much heavier aftermath of hay, which, though not like timothy, salable in cities for feeding horses, is, nevertheless superior for feeding to both cattle and horses, because richer in nutriment, and more readily eaten because more tender; that is, if seed is used in sufficient quantity and crop is harvested at proper time. Not only will the product be greater at first, but, if properly treated, the land will continue in productive condition, for many years. Forty pounds to the acre. Lb. 40 cts., 10 to 40 lbs. 32 cts. per lb., 40 lbs. or more 30 cts. per 1b.

The Worcester Mixtures of Grass Seeds

For Meadows and Pastures Productive, Permanent, Profitable

While on heavy natural grass soils there are perhaps no grasses which will produce larger yields for a short period than timothy and red top. It is a fact acknowledged by many of our best farmers that a combination of several varieties are much superior for a continual large production of hay, especially on lighter soils.

The long lasting drouth that practically all superiors of the summer of the superior of the superior of the summer of the superior of the superio tures containing these varieties somewhat higher in price than for the past two years.

Mixture for Permanent Pasture for Medium Soil

Though many farmers so rotate their crops that the permanency of their mowing fields is not of great consideration, such as regularly pasture their herds, invariably desire that the pasture shall be permanently productive when once seeded. Aside from permanency, an important requisite is that of trampling and continued close grazing. This mixture is prepared with these ends in view. 40 to 50 pounds to the acre. Lb. 40 ts., 10 to 40 lbs. 32 cts. per lb., 40 lbs. or more 30 cts. per lb.

Permanent Pasture Mixture for Dry, Hilly Lands

In no situation are timothy and red top so unsuitable for seed-In no situation are timothy and red top so unsuitable for seeding as in a dry, hilly pasture, for both require strong, rather moist land to thrive for any length of time. This mixture is composed of grasses which thrive on light soil, endure long drought and bear, without injury, constant cropping. Lb. 40 cts., 10 to 40 lbs. 32 cts. per lb., 40 lbs. or more 30 cts. per lb. Wixture for Permanent Mowing for Dry Soil

While dry had is not the ties sol for a grass crop, y colours crops of the behalai not the first sink first three crops of the behalai sol the first three colours, which is the cred top, because it contains, in large proportions, varieties which thrive on dry soil and of which some succeed on soil where both the former would utterly fail 40 to 50 pounds to the acre. Lb. 49 cts., 10 to 40 lbs. 32 cts., per lb., 40 lbs. or more 30 cts.

ner lb.

GRASS SEEDS OF THE HIGEST GRADE

For Mowings, Pastures and Lawn

Prices of all Grass Seeds subject to market changes. Prices include bags or sacks. Unless otherwise noted, 25 lbs. at 105-lb. rate.

Seeds of all grasses are of the grade known in the trade as "fancy". This is the highest grade obtainable and is as nearly pure as the greatest care and most improved machinery can make it. This should be considered when comparing our prices with those of other dealers. All the seeds offered have been tested by expert analysts either in this country or abroad and the purity and growth will be given, if desired on application

AWNLESS BROME GRASS (Bromus inermis.) A very hardy perennial of great value on poor and dry soils. Especially recommended for pastures, as it starts early in the Spring and stands trampling well, forming as it does a very tough sod. The hay is nearly equal to Timothy in palatability, and is relished by all kind of stock, if cut just before flowering. If sown alone use 20 to 30 lbs. per acre. Lb. 40 cts., 10 lbs. \$3.50.

CANADA BLUE GRASS (Poa compressa.) Thrives on poor, dry soil, and also on hard clayey ground; withstands extreme drought or wetness; bears trampling well and remains green till winter. A valuable grass for pastures. Lb. 50 cts., 10 lbs. \$4.50.

CREEPING BENT (Agrostis stolonifera). Of rapid growth, fine texture and spreading habit. Forms a very close and permanent sod. Especially valuable for lawns. Crop very short, ask for price.

CRESTED DOG'S-TAIL (Crynosurus cristatus.) Thrives best on moist, rich soil, but accommodates itself to nearly all soils. Grows well in the shade. Yaluable in moderate quantity for permanent pasture and lawns. Lb. 60 cts., 10 lbs. \$5.50.

ENGLISH or PERENNIAL RYE GRASS (Lolium perenne.) Of rapid growth and productive; produces a strong growth in four or five weeks. Made into hay it is rather hard, but is very nutritious and is much relished by cattle and horses. Lb. 20 cts., 10 lbs. \$1.50.



Red Top



EVERYBODY KNOWS ROSS SEED GROW





A field of Worcester Timothy (991/2 per cent pure)

(Lolium Italicum.) Thrives on a vari-ITALIAN RYE GRASS.

TALIAN EYE GRASS. (Lolium Italicum) Thrives on a variety of soils, producing early and large crops. Though a perennial, it is short lived and generally treated as an annual Valuable for soiling. Sown in the fall, will produce a large crop of hay the following season.

Lb. 20 ets., 10 lbs. 81.50.

KENTUCKY BLUE GRASS. (Poa pratensis.) One of the most valuable grasses for pasture and lawn, requires some time to become established, but lasts indefinitely on congenial soils. Much of the seed of this grass that is offered does not weigh over 14 lbs. to the measured bushel—the old standard weight over 14 lbs. to the measured bushel—the old standard weight over 14 lbs. (Pestuca pratensis.) Largely used for permanent mowing mixtures. Though at once productive, it does not reach its full production for two or three years, when it surpasses most other grasses. Succeeds beston cool, moist soil,

does not reach its full production for two or three years, when it surpasses most other grasses. Succeeds best on cod, moist soil, rich in organic matter. Lb. 45 cts., 10 lbs. \$4.00.

MEADOW FOXYAIL. (Alopecurus pratensis) One of the best pasture grasses; makes an earlier growth than any other variety, thrives best in low, moist land, but grows well on high, light soil and bears extreme summer heat without burning. Market Price.

nigh, darket Frice.

ORCHARD GRASS.

Dactylis glomerata.) One of the most nutritious and valuable grasses, early, hardy, and permanent accounts of the property of the propert

is highly recommended both as a permanent pasture and as a meadow grass for hay, throughout New England and the Southern States. It will not do well in sandy or leachy soils, but it is said to be adapted to a wider range of soil and climatic conditions than any cultivated grass grown in America Used extensively in lawn mixtures. Lb. 35 ets., 10 lbs. 83.20, but of the same state of the sa 100 lbs. \$30.00.

TIMOTHY OTHY. (Phleum pratense.) Timothy is the standard hay of commerce. The cheapness of the seed, the ease of culture, and excellent quality of the hay make it a favorite. It is adopted to all soils, but succeeds best on moist loams and clays. The life of a Timothy field varies according to soil and climate. It produces the most profitable yields the first and vears

second years.

There are many grades of Timothy in the market and many of these are of a high purity test; but the market seed, the seed of a high purity test; but is light seed, cleaned and recleaned until the purity is of a high percentage, almost 100 per cent pure, but still remains light seed which under the best conditions is of only

remains light seed which under the best conditions is of only fair germination; rande is a seed which is of the highest quality our Worcester Traken from the best fields of full ripe seed, we can assure you, that after going through the cleaning process we can guarantee a purity of 99.5 per cent. In the Worcester brand we are sure we are offering the best seed it is possible to obtain.

Price per 1b. 15 cts., 25 lbs. or over 12 cts. per 1b.

WACHUSETT GRADE. This grade is of fine quality, better there cent pured offered as prine. We guarantee this 97.5

than men seed othered as prime. We guarantee this \$1.5 Lb. 13 cts. 25 lbs. or over 10 cts. per lb.

Lb. 13 cts. 25 lbs. or over 10 cts. per lb.

RED, or CREEPING FESCUE. (Festuca ruba.) A creepingrooted grass thriving in dry, poor soils. Forms a close, firm
turf and is valuable for shaded lawns. Also valuable for
gravely banks and exposed hillsides. Pound 70 cts., 10 lbs.

RHODE ISLAND EENT. (Agrostis canina.) Of fine growth, forming a close and permanent sod. One of the best lawn grasses and desirable for pasture mixtures. Market Price. Of fine growth, short

ROUGH-STALKED MEADOW GRASS. (Poa trivialis (Thrives

ROUGH-STAIKED MEADOW GRASS. (Poa trivialis (Thrives on moist, rich land. Valuable for both meadows and pastures, but should be used only in mixture. Especially desirable for shaded lawns. Market Price.

TAIL MEADOW OAT GRASS. (Avena elatior.) A very hardy species, making an early and luxuriant growth and continuing to grow until late in the fall and is, therefore, especially desirable for pastures. It makes good hay and when uses for soiling, can be cut several times in the season. Lb. 40 cts., 10 lbs. \$3.50.



ROSS BROS. CO. WORCESTER, MASS.



CLOVERS



Medium Red Clover

It has been demonstrated many times that crops following a growth of Clover are larger and of better of Clover are larger and of better quality than when grown on land which has produced the same crop year after year. Clover should be rotated with grain crops every modules or bacteria which cling to the roots possess the power to draw nitrogen from the air and store it in the soil where it can be drawn upon by subsequent crops. We advise, always sowing stores fertility and can be pastured in the fall to good advantage or may be plowed under for age or may be plowed under for green manure.

Inoculate your clover with MUL-FORD CULTURE, SEE PAGE 8. ALSIKE SWEDISH or MAMMOTH WHITE COVER. This is one of the hardiest varieties known. of the hardiest varieties known, it is a perennial and does not winter kill. It will thrive better on moist land than any other variety of Clover and is suitable for either hay or pasture. When sown with other grasses, it forms a very thick undergrowth and greatly increases the variety in the second of the se

CRIMSON OR SCARLET CLOVER

Hungarian Millet

This is an annual of strong, erect growth, one to two feet in the soil an abundant supply of nitrogen. When plowed under it adds to the soil a large amount of humus, thus preparing it for following crops. Sow 18 to 20 pounds per acre. Price, Ib. 20 cts., 10 lbs. \$1.80. 100 lbs. \$15.00.

MAMMOTH, or PEA VINE (Trifolium pratense var.) A species of the Red Clover commonly known as Sapling Clover or Pea Vine Clover. On good soils this will produce a much larger crop than the Medium Red and as it is in bloom a little later is considered better for sowing with Timothy. Price, lb. 42 cts., 10 lbs. \$3.70, 100 lbs. \$32.00.

MEDIUM RED CLOVER. This is regarded as the most valuable of the clover family. EDIUM RED CLOVER. This is regarded as the most valuable of the clover family. It is a dependable all-round variety for stockmen and farmers. It will make two crops a season, if cut as soon as it comes into bloom the first time a good second crop can be harvested. This makes excellent feed for all stock. Sow 10 to 12 pounds per acre. Price, lb. 40 cts., 10 lbs. \$3.50, 100 lbs. \$30.00.

WHITE OR DUTCH CLOVER. Alow, close growing clover.
Very desirable for lawns.
It will withstand very close
cutting and grows very
quickly. It is nearly always used with other grasssand will thrive on almost
any soil. Price, lb. 65 cts. per 1h



SWEET CLOVER

WHITE ELOSSOM BIENNIAL. This is a native of all parts of the United States and Canada and is a valuable addition to farm crops. It is an erect branching biennal plant with woody stems growing the first scason two to three feet high and developing a large root. The second year's growth usually reaches a height of four to seven feet. It bears seed the second season and then the plant dies, so it is easily controlled by cutting before the plant goes to seed which will prevent any seed being self sown. Sweet Clover grows in a variety of soils, in fact will thrive in any but an acid soil and is a splendid crop for plowing under as it supplies a much humans and nitegen to the soil. Sow I5 to 20 pounds per acre. Frice, Ib. 20 cts., 10 lbs. or over 15 cts. per Ib.

NEW ANNUAL WHITE BLOSSOM SWEET CLOVER (OR HUBAM)

This is called Hubam from the fact that it was discovered by Prof. Hughes in Alabama. While this is a White Blossom Sweet Clover, it is different from the biennial sort producing its crop wholly in one season. This is a big advantage as in many ways it saves one season in growing the crop. Lb. \$1.50, 10 lbs. \$13.50. See page 13.

Crimson Clover



EVERYBODY KNOWS

ROSS' SEED GROWS



MILLETS

The varieties of Millet are among the oldest of cultivated grains. A large part of the world's inhabitants subsist upon the different Millets, especially in Africa, Turkey, Persis, India and Japan. However, in our country we are chiefly interested in Millets are especially adapted to regions of light rainfall and hot weather. They are used principally for forage, being very valuable where Timothy is an uncertain crop. The hay is fed most satisfactorily to dairy cows and sheep. In feeding value it ranks well above Timothy.

HUNGARIAN MILLET An excellent food for horses when cured.

HUNGARIAN MILLET an excellent feed for horse when cured. This is commonly known as "Thungarian Grass." Each root sends up several slender stems which often branch. The leaves grow upright, rather narrow. Heads are borne erect or nearly so, about four inches long, dark purple in color, bristly and very compact. The seeds are brownish black mixed with yellow. This variety withstands drought remarkably well. If its growth is checked by dry weather the least rain will restore its vigor. It flourishes in light, dry soils, but does best in good soils, well manured. This gives a very fine quality of hay on account of its slender, leafy growth. Price, b. 8 cts., 100 lbs. \$5.00.

GOLDEN MILLET

The stems are single or few in number from each root, they grow large and stout, unbranching. The leaves are rather short, broad and stiff, the heads are coften as inch of the control of the contr

Sudan Grass WHAT SUDAN GRASS IS

It is the most prolific and dependable hay crop in the area of limited rainfall in the North and



Japanese Millet

West. Intro-duced into the United States by Professor C. V. Piper, of the Department of Agri-

culture in 1909. It has surpassed the fondest expec

seldom running less than four tons.

Use 4 to 6 pounds per acre in drills; 15 to 18 if sown broadcast. Price, lb. 12 cts., 100 lbs. \$10.00.

JAPANESE MILLET

(Panicum frumentacea)

(Panicum frumentaces)

The send from whiches of it as known, all of the Japanese Barryard Millet on whiches of it as known, all of the Japanese Barryard Millet on which the Millet Millet Millet States has descended, was known from the Massachusetts Agricultural Experiment Station, in 1889. Prof. Brooks, who had become impressed with the great value of the crop for forage, began distributing seed in Small quantities to private farmers in various parts of the State. The success the state of the s

quanties.

Japanese Millet stools freely, it is very leafy and the heads are compact. It will thrive best on moist, rich soil, as it does not endure drouth well. Like all coarse growing plants it needs abundant plant food and when given this on good soil the yield is

ant plant food and when given this on good soft the year immense.

Immense.

The group of the genuine Japanese Millet, many tons of the commentary of the plant of the commentary of the comment

ROSS BROS. CO. WORCESTER. MASS.



ALFALFA

Facts About Alfalfa

There is no state in the Union in which Alfalfa cannot be successfully grown. Alfalfa is worth more than clover, for it has a higher feeding value and it yields more per acre.

It has as much protein as wheat bran. Over 300 stalks have been grown from one seed. It will grow 3 to 5 crops in a season. Alfalfa does not exhaust the soil, it enriches the soil. In money value it is worth far more than clover or Timothy hay.

As a soil builder the Experiment Stations tell us that it adds twice as much nitrogen to the soil as the average acre of Red Clover.

Just bear in mind that the Alfalfa plant produces an enormous root growth, these roots penetrate the sub-soil to a great depth, loosening the potash stored below, making it available as plant food in such a manner as is impossible to duplicate with a plow.



NORTHWESTERN GROWN SEED. We guarantee this to be 99 per cent pure—and absolutely free from dodder and tree-foil.

Price, 1b. 35 cts., 25 lbs. or more 30 cts. per pound. No charge for bags.

GRIMM ALFALFA

GEIMM ALFALFA. So called from the fact that it was introduced in Minnesota by a Mr. Grimm from Europe, who called it Norwegian Malfalfa. This strain of Alfalfa has prover superior of all others, coming through our most severe winters without being injured, where the ordinary strains sometimes suffer everyly. The most incoming through our most severe winters without being injured, where the ordinary strains sometimes suffer everyly. The most incoming the provided in the provided in the strain of the provided in the provid

Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches and all other legume crops with



Specimen plants characteristic of uninoculated and inoculated field of Alfalfa, on farm near Bynum, Hartford County, Maryland. The uninoculated plants turning yellow, though sown on ground richer and better than the inoculated field. Gain from inoculation nearly 500 per cent, by weight.

Mulford Cultures

FOR LEGUMES

Small Cost-Large Returns-Easy to Use-No Labor Expense

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Mulford Cultures are scientifically prepared and tested with the atmost care and skill. Enormous numbers of these very valuable and lesirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Legumes offer the best-known means of maintaining soil fertility and reuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton and corn and other non-legume crops.

The U.S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogenfixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for Alfalfa, Crimson Clover, Sweet Clover, Red Clover, Alsike Clover, Burr Clover, Cow Peas, Soy Beans, Peanuts, Vetch, Velvet Beans, Sweet Peas, Garden Peas, Garden Beans, Lima Beans, Lespedeza, Beggar Weed and others.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Prices: .5-Acre Size, \$5.00 (A Dollar per Acre), Mailing weight 5 lbs.; 1-Acre Size, \$1.50, Mailing Weight 1 lb.; $\frac{1}{4}$ acre Size, 75 cts., Mailing Weight 1 lb.; Small Size (Supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), 35 cts., Mailing Weight 1 lb.

FREE DESCRIPTION FOLDER SENT UPON REQUEST



EVERYBODY KNOWS



ROSS' SEED GROWS Selected Seed Oats

Sow 3 bushels per acre. Prices Include Bags All Prices Subject to Market Changes

Reasons why you should sow Our Selected Seed Oats.

Reasons why you should sow Our Selected Seed Oats.

1. Maximum yield per acre.
2. Highest Standard of Quality.
3. Hardy and disease-resisting constitutions.
It costs almost as much to raise a poor crop as it does a good one.
If you get only the ordinary yield you get very little for your time and labor. It is the extra 10, 15 or 20 bushels per acre that makes the profit.

smut DON'TS OW THEM. Get some that are better and will yield a profit. Oats should be sown in April and early May to secure best results, and a good heavy seed should be used. Good seed oats weight from 36 to 46 pounds per measured bushel and a lighter oat is not fit for seeding purposes. You cannot afford to buy a common feeding oats for seed, the extra cost per acre for good clean oats free from all dirt and weed seed is very small when you consider the increase in yield.

LONG'S WHITE TARTAR An ideal oat for all uses.

We have sold the White Tartar oat for a number of years and we can strongly recommend it as the earliest, heaviest and most prolific strave about 5 feet in height. The heads measure from 8 to 10 inches and the kernels are of immense size, thick, plump and heavy. The combination of extreme earliness, great length of strave and its numerons leaves give it all the qualifications necessary to make an ideal oat. Pk. 40 cts., bu. (32 lbs.) \$1.35. 10 bu. or more \$1.30 per bu:

STORM KING OATS

The seed of this variety was originally imported, but has been grown in this country for several years and is now thoroughly acclimated. It makes a very strong growth of straw which will withstand severe weather without lodging. The grain which is borne somewhat on one side of the head, is short, plump, this-skinned and of the highest feeding value. It is heavy, weighting 44 to 45 pounds per measured bushel. The Storm King has made a yield of 60 bushels per acre. Pkt. 40 cts., bu. (32 lbs.) \$1.35, 10 bu. or more \$1.30 per bu.



Washington Oats

EARLY NEW MARKET OATS

EARLY NEW MARKET OATS
Our grower writes us: "We consider the Early
New Market Oat one of the best New English introductions, as it is exceptionally early, produces a
long stiff straw, which does not readily lodge and the
straw of the str

WASHINGTON OR SWEDISH SELECT

Extra heavy recleaned seed.

EXTRA Reavy recleaned seed.

These oats have given such general satisfaction that we know many will still sow this favorate. Introduced a few years ago by the U.S. Department of agriculture and today the most largely planted of all varieties the oat is pure white in color; the hull is thin and the kernel large and plump; straw is stiff and strong enough not to lodge. A remarkable root development makes the Swedish oat a good drought resister; a special the carliest of the heavy yielding sorts. Especially suited to high land. Pk. 40 cts, bu. (32 lbs.) \$1.35, 10 hu. or more \$1.30 per bu.

At the Wisconsin Experiment Station: "It has story beard of the high for several years." It has story of the server of the station o

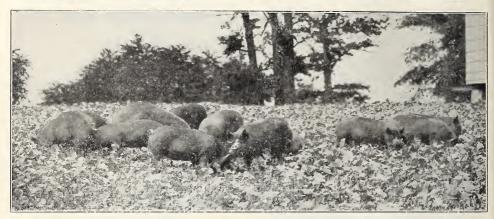


Field of White Tartar Oats on our own grounds



ROSS BROS. CO. WORCESTER, MASS.





Dwarf Essex Rape

It is an annual, bearing a close resemblance in leaf and stalk to the Rutabaga, but both leaves and stalks are more numerous in the Rape plant which may be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep, cattle and swine.

It should be from eight to twelve inches high when stock is first turned in and it ought to make growth enough to support at least ten sheep per acre during the growing period of the Rape crop.

Rape makes a second growth from the standing roots when the livestock is removed, and may be repastured later. Successive sowings, made three or four weeks apart until July 1 will give a very satisfactory feeding crop throughout the entire Summer.

Culture. Rape is best adapted to moist, rich soil in which there is plenty of humus. Slough lands are especially good. It grows best in cool, moist weather and the time for sowing depends upon when the crop is to be used. When wanted for pasture, allow 8 to 10 weeks for it to attain maximum growth. Sow 1 to 2 pounds of seed per acre in drills and cultivate, for a weed-cleaning crop. For broad-casting, use 5 pounds per acre on rich, weed-free soil, so that the Rape will not be choked by weeds.

For continued hog pasture, sow Rape early and at successive intervals. It may well follow any grain crop and is always splendid to plow under for green manure. Price, 1b. 15 cts., 100 lbs. \$12.00.



Field of Cow Peas

Barley

For grain, 2 bushels to the acre; for forage, 3 bushels, 48 lbs. to the bushel

CHEVALIER. A two-rowed variety. Head is a little longer than the six-rowed varieties and the grain is larger, plump, extra-heavy and in favorable seasons nearly white. On account of its attractive appearance, and fine quality, the grain brings the highest price, while the variety is extensively grown for green forage. Pk. 70 cts., bu. \$2.50.

MANSURY. In our section this six-rowed variety is largely grown for forage. It yields abundantly. It is early and vrey vigorous in growth. The straw is strong and stiff and seldom lodges. The heads are long and well filled. No other Barley exels it for feeding or malting purposes. Pk. 70 cts., bu. \$2.50.

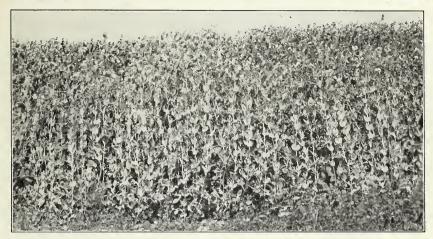
BEARDLESS. Earlier than any of the bearded varieties and is generally considered more hardy. The strew is heavy and stands up a supervise of the street of t

COW PEAS—As soil renovaters and enrichers, have few equals; like other leguminous plants, besides yielding a bountiful crop, they increase the fertility of the soil by collecting nitrogen from the air and adding this expensive fertilizer to the land at a minimum of cost.



EVERYBODY KNOWS ROSS' SEED GROWS





A Field of Canada Peas

PEAS, CANADA FIELD

"Oats and Canada field peas make the best green crop to follow clover." Generally it is advisable to make three sowings; the first as early as possible in the spring, April 20 to 25, and the second and third fifteen and thirty days later. One and one half bushels each of the eats and peas is the usual quantity to the acre. The first sowings will be ready about June 25 and cutting should begin as soon as the oats show the head. The average yield from the first sowing is 10 tons to the acre. The yield from the second and third sowings is not likely to be as heavy, as the crop matures quickly during the warm weather. Oats and peas will bremain in condition to be cut for 10 to 12 days.

CANADA PEAS may also be sown with other grains as well as with oats, and are sometimes sown in August with Barley. They are also sometimes sown alone. Choice stock for seed. Pound 12 cts., 25 pounds or over 10 cts. per pound.

COW PEAS Mulford Culture for Cow Peas See Page 8

In drills, one bushel to the acre

Broadcast, 2 bus. 60 lbs. to the bu. Cow Peas are as tender as beans and therefore the suggestion sometimes made that they may be sown with Oats is unwise. As they are of very rapid growth during the warm season they may in this latitude be sown as late as the first of July with a reasonable expectation of a crop suitable for

season they may in this latitude be sown as late as the first of July with a reasonable expectation of a crop suitable for fodder or plowing under.

Cow Peas produce an enormous bulk and for this reason the plant is a favorite with some as a forage plant and also as a humus maker when plowed into the soil. It, of course, like all the legislate of the soil of the s

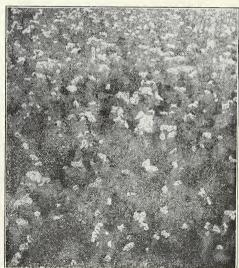
WHIPPOORWILL. The most popular variety of the North, very early. Pk. \$1.00, bu. \$3.75.

NEW ERA. A new, extra early variety, earlier than the Whippoorwill, maturing in about 60 days. Pk. \$1.00, bu. \$3.75.

BUCKWHEAT

For grain, 1 bushel to the acre; for soiling 11/2 bushels. 48 lbs. to the bushel.

JAPANESE. This is entirely distinct from all other varieties, It has the advantage of remaining some time in bloom and produces seed earlier. On this account it can be grown farther north. It resists drought and blight better than most varieties. The seed is larger than the Silver Hull and is a rich brown color. Pk. 75 cts., bu. 82.75.



A Field of Buckwheat in Bloom



ROSS BROS. CO. WORCESTER, MASS.





Rye

For grain, 1 bu. to the acre, for forage or soiling 11/2 bu. 56 lbs. to the bu.

SPRING RYE

True Stock, Spring Rye makes an excellent crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other spring grain. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality.

We wish to emphasize the fact that we sell the genuine Spring Rye, sown in the Spring and harvested the same season.

Price, Dk. 80 cts. but \$3,00.

Price, pk. 80 cts., bu. \$3.00.

ROSEN WINTER RYE

To Prof. Spragg, of Michigan Agricultural College, is due the credit for developing this most remarkable grain, which we believe is destined to add many thousands of dollars annually to the value of farm crops in the United States.

A Russian student of the Michigan Agricultural College brought with A Russian student of the Michigan Agricultural College brought with him from Russia a handful of rye which he gave to Prof. Sprage, who planted it, and from the crop selected a single plant which showed exceptional cbaracteristics. The grain from the plant was saved and planted the next season and from this crop he again selected plants of the most promising type, repeating this process from year to year until he had sufficient seed to parcel out among a few expert farmers in different sections, at the same time continuing it as a crop at the State Experimental Farm in Michigan, here occurred the expert farmers in different farm. The development of Kosen Rye has been of such a character and the present supply has been so carefully bandled, that it is safe to say it is the purest pedigree seed in existence, as the growers have taken particular pains to prevent cross fertilization and mixing with other grains.

grains.

grains.

Rosen Rye produces a strong vigorous straw and shools to a rumarkthe degree. The grain is large, plump, heavy and of a beautiful color,
the degree of the grain on the market over other grains. Owing to its
vigorous stooling property less seed is required, the practice being about
one and one-half bushels per acre. We believe that Rosen Rye is cheaper
to sow even at double the price of common rye, for the excess yield
will more than pay for the seed, not to mention the better quality
and higher price to be obtained for the crop. Price, px. 65 cts, pt. 82.25.

Soy, or Soja Bean

Mulford Culture for Sov Beans, See Page 8.

decline

1/2 to 3/4 busbels to the acre in drills 2 1/2 to 3 feet apart.

This is another valuable legume, growing in favor for forage and ensilage, often succeeding well on land too light for clover. While it has not been so generally grown in this country as the Cow Pea it is considered by some prefet able for the North, as it does not require so long a season.

MEDIUM EARLY YELLOW: Pk. \$1.25, bu. \$4.50.

ITO SAN. Ito San Soy should ripen anywhere in the North—it is Northern Grown seed. Northern Grown Seed sown in the South produces larger yields, stronger vines, higher nutritive value. Matures in 90 days, grows 2½ to 3 feet bigh. Immensely productive. Pk. \$1.40. Bushel \$5.00.

Mammoth Russian Sunflower

The sunflower has again made good as a silage crop during the past season,

The sunflower has again made good as a sliage crop during the past season, standing the drouth well in comparison with corn and making an excellent yield where conditions were favorable. We do not believe that it is quite the equal of corn when the dry weather comes in August. Sunflower has yielded as high as 12 tons per acre, and has proven a very high grade feed for stock. Is not injured by light frosts and should be planted early for best results. In oil and protein, they make an ideal food during the moulting season; the leaves make excellent fodder; the whole plant makes fine ensliage and bog food. Under favorable conditions 40 to 60 busbles of seed can be grown on a acre; more than 100 bushls have been grown on extra good land in an unusual season. When the season will be seen grown of the season and protein the season when cured they will threst easilie beads and pile loosely under cover, and when cured they will threst easily the season.

Copy of letter from Ross McPhee, Auburn, Ontario, Canada.

Gentlemen:

Gentlemen:—
Received your letter today, requesting me to write you how the Eureka corn did, which I purchased from you. I will certainly do that for you for I am perfectly satisfied with the crop.
The growth of your corn is something wonderful. We had some other corn planted beside it and there was fully three feet difference in the height of the two. We had a few Sunflowers among both pieces and in common corn the were as much above it as the Eureka was above the other corn. When you get corn that will beat Sunflower, it is some corn.



Soy Beans



EVERYBODY KNOWS

ROSS SEED GROWS



Hubam Clover

(Annual White Sweet Clover)

Hubam is the new annual white sweet clover about which so much has lately been published in the agricultural press. We believe Hubum has received more attention than any other plant received more ever discovered.

received more attention than any other plant ver discovery. Some 500 different lots of set of January common biennial sweet clover, secured from all parts of the world were planted by the Iowa Experiment Station in greenhouses at Ames, Iowa. In one of these seedings a few plants were found which grew to a height of our feet and matured seed in a few months. Seeds from these plants were carefully saved and manufactured the seed of the seed were distributed by the Iowa Experiment Station. Hundreds of enthusiastic reports from all parts of the United States and from many foreign countries have been received from the grant of the United States and from many foreign countries have been received from the grant of the United States and from the farmers who planted these samples. It has succeeded from the gulf of Mexico to the Hudson Esy and from cogulf of Mexico to the Hudson Esy and from cogulf of Mexico to the Hudson Esy and from cogulf of Mexico to the Hudson Esy and from cogulf of Mexico to the control of the second from the gulf of Mexico to the control of the second from the gulf of Mexico to the fulson Esy and from cogulf of Mexico to the control of the second from the gulf of Mexico to the control of the second from the gulf of Mexico to the control of the second from the gulf of Mexico to the control of the second from the gulf of Mexico to the control of the second from the gulf of Mexico to the control of the second from the gulf of the gulf of the second from the gulf of the gulf of t

the clover was seeded, it grew to a height of seven feet and showed no ill

effect of the douth.

Hubam Clover is a legume and one of the best in existence. It

It can be used for pasture, plowed under as a green



A Field of Hubam Clover

A Field of Hubam Clover

A Field of Hubam Clover

In the spring with cats or other grain and will make a good growth after
the other grains have been cut. It has yielded three to four tons of dry weight in three months and is a
highly nutritious food for stock. Hubam makes one of the best bee pastures.

Seed may be sown either in cultivated rows or broadcast. When drilled, 3 to 4 pounds of seed
should be used per acre and when sown broadcast at 10 to 12 pounds. Price, 1b, 31.50, 10 lbs, 313.50.

Wheat

 $1\frac{1}{2}$ bu. to the acre, 60 lbs. to the bu.

MARQUIS SPRING WHEAT was originated by Chas, and William Saunders of Ottawa, Canada, by crossing Red Fife and Hard Calcutta, a native Wheat of India which had become acclimated to northern conditions. The first experiments were conducted in 1886, and it was not until 1903 that it was fully developed. By scientific cross breeding, a variety was produced that inherited the remarkable earliness of the Calcutta, and the frost-resistant and yielding qualities of the Red Fife. The original stock of seed was very small, but by careful husbandry the amount was gradually increased so that it might be dissensially and climate; the case of yielding qualities of the Red Fife. The amount of soil and climate; the case of yield belief and the process of soil and climate; the case of yield belief and the process of soil and climate; the same conditions of soil and climate; the case of yield belief to the conditions of soil and climate; the same conditions of soil amount of soil and climate; the same conditions of soil amount of soil and climate; the same conditions of soil amount of soil and climate; the same conditions of soil amount of soil a

WINTER WHEAT The yield on Winter Wheat per acre is on the average very much larger than any of the spring wheats. It should be sown early in the fall to secure a good firm root to survive our New England winters. Winter Wheat makes an excellent green feed coming very early in the spring and staying in condition for feed much longer than Spring or Winter Kye.

RED WAVE (Gubles, Considered the best and most productive variety in cultivation. Heads very long and brood, filled with medium long, large, hard, dark kernels. Straw, golden, medium height, stocky and strong. Bu. (60 lbs.) Market Price.

WINTER-KLONDIKE. A remarkably productive bald white variety, large and plump. Excellent for

One bushel to the acre; with oats or rye, 1/2 bu. 60 lbs. to bushel

Use Mulford Culture for Vetch, See Page 8.

SPRING VETCH, or SPRING TARE this, like Field Peas, is used for both green fodder and for plowing into the soil. In this latitude it can be sown only in the spring and is more largely used in this season than the Hairy Vetch which may be sown either in the spring or fall. Thiving on rather power 12 cts. per 10.

over 12 cts. per lb.

WINTER SAND, or HAIRY VETCH (Vicia villosa.) While this will be of much large growth on good soil and should be grown on such soil when the crop is designed for green fodder or hay, it thrives remarkably well on light, poor soil. Though it produces on good land an enormous crop and whether used green or as hay is more nutritious than Clover and readily eaten by all kinds of stock and is therefore a profitable crop to grow for feeding, it is perhaps, of greater value for other purposes. No other legume surpasses it as a nitrogen gatherer and no other equals it as a cover crop. It is perfectly hardy, remaining green all winter and is therefore much super that the crimson Clover and is therefore much super that the crimson Clover and is therefore superior to it as a humus maker. In this respect as well as a cover crop it is fully equal to Winter Kye and is superior otherwise as, in common with other legumes, it adds nitrogen to tooil. Though rather slow in starting in the spring, when once started it grows rapidly and will generally by May 1st, have made a growth of 18 inches or more. As the stems are rather weak, it is generally sown with a which serves as a support. Seed is usually sown in August or September at which time either Rys or Wheat may be sown with it. If sown in the Spring, or a wheat when sown with it. If sown in the Spring, or a wheat when sown at this time the crop is generally used for feeding. Lb. 20 cts, 10 lbs. or over 16 cts. per lb.



Winter Vetch



ROSS BROS. CO. Worcester, Mass.



Ross' Eureka Ensilage Corn

will produce more tons per acre than any other ensilage variety

Corn for Feed and Corn for Seed

We are wondering how many farmers ever stop to consider what bushel of corn is worth to plant for seed as compared with a

a bushel of corn is worth to plant for seed as compared with the bushel for feed.

The price of feeding corn is usually arrived at by figuring the price of pork and beef at the packing house and if pork goes considered to the price of the elevator, so

The Selling of Feed Corn Is Just as Important as the Buying of Seed Corn.

WHAT ABOUT SEED CORN? What makes have the large the sound of the price of feeding corn at the large that the price will be at harvest time, but if one kind will produce 10 tons per acre and another kind 50 tons, if you know the value of a ton of ensilage, you can figure the value very easily

kind 50 tons, if you know the value of a ton of ensilage, you can figure the value very easily at planting time.

Ordinary corn usually produces from 10 to 15 tons per acre, while Eureka will produce from many orders are to tons, the per acre, while Eureka will produce from the per acre, while Eureka will produce from the per acre, while tons, the fit you will take a fair average crop of say 30 tons at \$6.00 per ton, which is considered a fair price for ensilage, you will get \$180.00 worth in one case and only \$60.00 worth where the cheap corn which will aperson would ever think of paying \$100.00 per bushel for corn, but figures will prove that based on the actual results it will be a good investment. However, you do not have to pay any such price because \$2.00 worth of Ross' Eureka will for one-half that price or a saving of only \$1.00 in seed, but you lose the difference between the value of 10 tons and 30 tons, which will be \$119.00. Is this not worth considering?

In ordinated Eureka Ensilage Corn and placed to the person would ever the pay any such price to the pay any bushel of this corn in our trade-mark being grown now in every one of the 48 States, in every Province of Canada and several forcing countries, and to protect our customers we put up every bushel of this corn in our trade-mark bary have been than an old tushed to core and the corn and the corn in the second of the second or the second or

If you want the genuine which has made such wonderful records, practically all over the world, be sure you get Ross' Eureka corn put up in our trademark bags.

Price, bags included, ½ Pk. 65 cts., Pk. \$1.00, Bu. (56 lbs.) \$3.50, 10 bushels or over \$3.25 per bu. in our trade-marked bags.

In addition to our regular grade of Eureka Corn, we are offering this season for the first time a "Hand-picked Grade."

time a "Hand-pieced trades," and butts are taken of the course of the co

Price, Handpicked Grade, ½ pk. 85 cts., pk. \$1.40, bu. \$5.00, 10 bu. or more \$4.75 per bu.

This corn was originated in Virginia about thirty-five years ago and has been grown on the same farms there for us ever since. It is the result of careful selection for many years from the old southern prolific corn which often has 5 to 8 ears on a stalk. This selection was made with the view of getting a larger ear and more foliage. It has been grown entirely away from other kinds and it is a distinct variety



Photograph of Eureka Corn taken on the old brick farm, and a great improvement over any other Southern White Dent Corn. Long Island



Every bag of Ross' Eureka Corn bears bears trademark. Adopted for your protection.

EVERYBODY KNOWS



Don't buy a Bushel of Eureka Corn unless it has our trade mark printed on the bag. There is nothing just as good, and you are sure to loose as many dollars as you save cents in the beginning. Price, bags included, ½ pk. 65 cts., pk. \$1.00, bu. (56 lbs.) \$3.50, 10 bushels or over \$3.25 per bushel. in our trade-marked bags.

Handpicked Graded 1/2 pk. 85 cts., pk. \$1.40, bu. \$5.00, 10 bu. or

more \$4.75 per bu.

Read What Some of Our Customers Say About Eureka Corn Copy of letter from Clark C. Dell. Ontario, Canada, R. R. 2. Gentlemen :

Gentlemen:—
to the Eureka corn which I got from you people last spring I drilled in Referrat acre on the 10th of July, just for green feed to try your corn, and found it splendid. I have corn stalks 15 ½ ft, high and have never yet seen a corn that could begit it. I have 4 acres of White Cap which I am zure is not one-third as

good as Eureka.

I will be looking for one of your 1922 catalogues as soon asthey are out.

Copy of letter from N. W. Daniels, Galt, Ontario, Canada,



Eureka Corn as it grows in the South

Dear Sirs:-

Dear Sirs:—

I was more than pleased with the Eureka corn. It certainly grew to some height. I believe it would easily average twelve to thirteen feet and there were plenty of stalks over fifteen feet. It was the tallest corn I have ever grown or seen before. For acreage, we had about twenty acres.

Would you kindly send me your catalogue and pricelist for next season.

Copy of letter from Hugh S. Greenslade. Hugh S. Greenslade, Vineland, Ontario, Canada.

Gentlemen:

You ask for my opinion of Eureka corn. Well Sir, it is excellent, the best I have grown for ensilage. Of course in



Copy of letter from Wilhelm Schneider, Eamberg, Ontario, Canada. Dear Sirs:-

Dear Sirs:—

In regard to your letter, I will give you a little description of my crop of Eureka corn. I planted it about the middle of May. I had another variety, Wisconsin No. 7, and when the seed came up I could see a difference. The Eureka was a dark green color while the Wisconsin looked a palish green. The Eureka went on growing from the day it came up until it was fully grown. I have stalks that measure fully 15 ft. in height, with mostly two ears to the stalk, and sometimes three and even four.

Copy of letter from D. Tate, St. Mary's, Ontario, Canada.

In regard to Eureka corn, I might say I had a bumper crop. It was sixty rods long and it half filled our silo which is 12x40 ft twenty-nine rows sixty rods long and it half filled our silo which is 12x40 ft.

Copy of letter from C. F. Williamson, Ontario, Canada.

Gentlemen:-

Gentlemen:—
The Eureka corn seed which I purchased from you the past two years has given better results than any corn I have ever planted in my experience of farming, which has been my occupation for the past twelve years.

Copy of letter from Blake Collins, Plainfield, Ontario, Canada.
The corn I got from you was fine, grew about 13 ft, high and cattle eat it the best of any corn I ever fed. I am feeding it as stover. I am well satisfied and will try some again next year.

Copy of letter from L. A. Lanahan, Magog, Ontario, Canada. Gentlemen:
I am very satisfied with the Shefield corn. It is a good yielder and

matures early.

The Eureka is the best that I have ever sown. Of the four kinds that

The EURERA IS the Dess that I have ever sown. Of the four kinds that I have sown, the average was about 4 ft. high while the Eureka was 11 ft. high. We have suffered considerably from lack of rain or this corn would have grown as high as 15 ft. For enslage it cannot be equalled in weight and would advise every farmer to try it.

Copy of letter from Ralph Sitter, Thedford, Ontario, Canada.

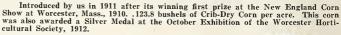
Gentlemen :-

We received your letter asking about the corn. It grows 13 to 15 feet high and two to three ears on the stalk and bigger than any other I have ever seen. I can highly recommend Eureka corn.



ROSS BROS. CO. WORCESTER, MASS.

The Sheffield World Prize Flint Corn



SHEFFIELD WORLD'S PRIZE FLINT CORN which we introduced in 1911 is an early eightrow variety which has been grown in Vermont since 1867. The seed was brought to Sheffield grown in that town ever since. The ear of this corn has a very compact form, usually well capped at the tip, similar to the Improved Canada. The average length of the ear is 8 to 8½ inches, the kernels are very broad, and of dark color. This corn exceeds inproportion of corn to cob any other variety. In a trial made by Mr. Chapin, who won the first prize at the first New England Corn Show held in Worcester, in 1910, he found that it took but 63 bs. of the dead of the color of the

general crop

While the past season has been ideal for ripening corn in almost while the past season has been ideal for ripening corn in almost all sections we have been somewhat surprised to receive from one of our customers recently, from New Brunswick, Sheffield Flint corn which was well matured. This is a good record for fiint corn in such a northern latitude.

a normern facture.

Owing to the fact that Sheffield Corn will mature in a short season and also give a minimum quantity of forage, it is being used quite generally for silage in the states of New Hampshire and Vermont. Price, ½ pk. 50 cts., pk. 85 cts., bu. \$3.25.

A NEW CORN "EARLY SMOKY DENT"

This new variety of dent corn, we believe to be the heaviest yielder of any extreme early variety of corn yet introduced.

It is a very hardy grower, and prolific yielder for so early a corn. The corn has nice leafy stalks, averaging 8 feet in height, which very filted to be considered to be considered to the corn has nice leafy stalks, averaging 8 feet in height, which very filted with a good sound kernel, of a dark red shade, tipped with pure white, making it a very handsome corn in appearance.

It has matured in 75 days from date of planting and yields on an average of 100 bushels good sound corn per acre. This corn can be grown with success anywhere that Early Canada. Fint Corn matures, as it is some ten days earlier than Early Canada.

it too strongly as it has surpassed any early dent variety known to us, as to early maturity, size, quality and yield. We strongly endorse it for use in the northern climate where a good early growing variety

of corn is wanted. Climate where a good early growing variety It is the earliest dent corn in cultivation, is a good yielder and entirely free from disease. It is the most beautiful colored-up corn in cultivation and has been named Early Smoky Dere because of the fodder. It will mature in Canada, New York State, Vermont, Maine, Massachusetts, or any state where Early Canada Flint corn will.

"A farmer in Huron County, Ohio, grew a sound crop of this variety in seventy-two days." "In 1921 a field eleven miles from Lake Erie, planted May 15th, matured in seventy-cipht days." One grower writes, "this corn matured for me last season in seventher. Our last season's yield was 100 bushels per acre, but promises more this season."

We are confident that this new dent corn will fill many corn cribs here in New England where it has been almost impossible to mature a dent corn except in an unusual season.

Price, trial package, enough for 50 to 60 hills, 25 cts. postpaid. 1 lb. 40 cts., postpaid 50 cts., Pk. (14 pounds) \$1.50.

SPECIAL PRIZE OFFER

We offer as a special prize to be awarded at the New England Fair to be held at Worcester in Sept. 1922, \$5.00 for the best exhibit of 80 ears, of the new corn EARLY SMOKY DENT.

For the best trace of 24 ears, three prizes; 1st, \$3.00, 2nd. \$2.00, and 3rd. \$1.00.

Corn to be grown from seed purchased from Ross Bros.

All entries must be made before Aug. 20th., 1922 and should be sent to B. Durell, Sec., Walker Bldg., Worcester, Mass.

The New England Fair opens Sept. 2nd. and exhibit must be in place by 10 o'clock on that date.



about 3/4 size



EVERYBODY KNOWS

ROSS' SEED GROWS



Flint and Dent Corn for the Crib and Silo

EARLY CANADA FLINT

Improved strain. This strain is in most respects identical with the original, but the ears are longer and stalks are of slightly larger growth. Ears of the original are about six inches in length, while of this strain they are about two inches longer, and of similar or nearly identical strains known as Early Greenfield. Deerfield and Connecticut Valley, ears are often nine inches or longer. While in the hands of different growers the type has been largely maintained, the tendency to select larger ears has been followed by an increased growth or size of stalks making such strains later in maturing. We prefer and endeavor to procure a strain of which the ears are about eight inches long with as small stalks as possible because earlier and more distinct from other varieties, and also more desirable for light with as small series as possible occase earlier and more distinct from other varieties, and also more destrable for light soils of only average fertility and for late planting. On stronger and richer soils there are other varieties which would probably be preferable, though because of its earliness therefore, the more nearly certain maturity in unfavorable seasons, its great production of ears and more easily handled dry fodder it is preferred by some for planting on their best and richest land.

Price: 1/2 pk. 50 cts., pk. 85 cts., bu. (56 lbs.) \$3.00.

LONGFELLOW FLINT

This, for a long time, has been very popular in southern New England. Ears are eight-rowed and of remarkable length—12 to 14 inches, with occasionally one 15 inches. Stalks are considerably taller than the Improved Canada, but not so large but that they make excellent and easily handled dry stover. When well-grown, owing to the long ear and occasional twin ears, the Longfellow is a very productive variety. Though two ears to the stalk are, of course, desirable, we prefer to give more attention to securing a well-formed and well-ripened ear of typical length rather than to slect for breeding stock from stalks bearing two ears if at the sacrifice of any of the above mentioned qualities. The Longfellow is safe for planting in the latitude of Massachusetts, and favorable seasons has yielded large crops farther north

Price: 1/2 pk. 50 cts., pk. 85 cts., bu. (56 lbs.) \$3.00.

SANFORD WHITE FLINT

We offer this season an exceptionally fine lot of White Flint, well grown and carefully selected for seed. It is an eight-rowed white flint variety, the popular type in Rhode Island, being cultivated there almost to the exclusion of the yellow flint. The ear of the strain which is more generally grown there and which we ofter as the Rhode Island strain kern and which we ofter as the Rhode Island strain kern and well-filled tip, and ripens with or very close to it. The variety is rather more leafy than other flint varieties, which is doubtless the reason for its popularity for ensilinge in the northern part of New England. The strain, however, which is more largely grown for ensiling, is seed which is grown in the West, and distinctly different. The stalks grow much taller and are more leafy and the ear is much longer and later in maturing. While there are three distinct types of which Flint Corn grown in Rhode Island, we know that the strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer is the most productively 84 of a strain which we offer in the most productively 84 of a strain which we offer in the most productively 84 of a strain which we offer in the most productively 84 of a strain which we offer in the most productively 84 of a strain which we offer in the most productively 84 of a strain which we offer in the most productively 84 of a strain which we offer in the most productively 84 of a strain which we offer in the most productive strain which we offer in the most productive strain which we offer in the most productive strain which we offer a str

Price: 1/2 pk. 50 cts., pk. 85 cts., bu. (56 lbs.) \$3.00.

GOLDEN NUGGET FLINT

This is one of the most prolific varieties of fiint corn. The will average about 10 inches in length and are well filled with 8 rows of exceptionally large, broad kernels of a light golden follower. These kernels are about twice as large as The stalks grow from 7 to 8 feet high; are well covered with leaves and often produce 2 large ears each. It matures in cighty-five to ninety days, making it a safe variety to plant except in the very northern latitude. Codden Nugget produces a large amount of folder and its set by 83.50 challity.

Price: 1/2 pk. 50 cts., pk. 85 cts., bu. \$3.00.

LUCE'S FAVORITE

This is a large, late, semi-dent corn; 8 to 10 rowed ears, 10 to 14 inches long. The fodder is large and abundant, and is used for ensilage purposes in large quantities in New York State. This variety is a much heavier yielder and better for ensilage than Longfellow Yellow Flint or any other flint varieties. We can supply true stock of this variety.

Price: 1/2 pk. 50 cts., pk. 85 cts., bu. \$3.00.

WEST BRANCH SWEEPSTAKES ENSILAGE

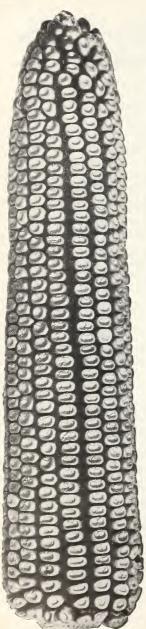
This Corn originated in Lycoming County, Pa. Formerly a White-Cap Yellow Dent, it has been crossed with other varieties until now a type of its own has become established. West Branch Sweepstakes purchased from us is the genuine stock grown on the Susquehanna river-bottoms in Lycoming County, Pa., within a few miles of its original home, and it has never failed to mature properly for seed purposes there.

The Stalks are very large and heavy and full of the length, 8 or more inches reason of the large of the in that latitude.

Price. $\frac{1}{2}$ pk. 70 cts., pk. \$1.25, bu. \$4.00. 10 bu. or more \$3.75 per bu.



Sanford White Flint



Dent Corn - continued

IMPROVED LEAMING

The Leaming corn was originated in Ohio in 1826 by Mr. J. S. Leaming. This corn was taken to Illinois by the Late Hon. E. E. Chester of Champaign County, Ill., over fifty years ago and since then many strains and varieties have been started from this, one of the oldest known varieties of deut corn.

The True Improved Leaming which we offer is a pure, fixed, and distinct variety, having

The True Improved Leaming which we offer is a pure, fixed, and distinct variety, having been bred for earliness of maturity, size, shape and color, also for the amount of grain that each ear will produce and in doing this the fact is brought out that the True Leaming is second to none (save our Eureka) in the amount of sliage that can be grown per acre. While Leaming corn is not grown extensively in our New England States to maturity, it is perhaps grown for sliage to a greater extent than any other dent variety except our Eureka. It ranks as one of the early dent corns, has a very heavy stalk growing twelve or thirteen feet high and very leafy. The ears are eight to ten inches long, filled with medium sized but deep kernels which when dry perhaps approach more closely in hardness the flint type than any other dent corn. Price: PR 75 cts., but. (56 lbs.) 82.75, 10 bushels or over \$2.50 per hu.

ROSS' IMPROVED GOLDEN DENT

This is one of the best and most reliable cropping yellow dent corns in cultivation. It makes Ins is one of the dest and most remade cropping yellow dent corns in cultivation. It makes a large sized ear, with a small ob); the grains are deep and are a very bright golden yellow color. It is very robust and withstands injury by severe weather or other unfavorable conditions better than most other sorts. The grain matures evenly and is almost always marketed in a very bright condition, each stalk produces two to three ears. We strongly recommend this variety as a dent corn for grain.

Our grower writes us that the seed corn which we offer has matured in less than 110 days

this past season.

Price: Pk. 75 cts., bu. \$2.75, 10 bu. or over \$2.50 per bu.

MINNESOTA NO. 13

This dent corn has been a surprise to its users on account of its extreme earliness. The ears are not as large as some other varieties, but its large production of ears makes it a heavier yielder than most others.

yielder than most others.

The ears are of handsome appearance bearing 16 to 20 rows of bright, rich yellow, smooth, wedge-shaped kernels packed closely on the cob from but to tip. The ears average eight inches the cobs are well filled and the individual kernels, plump and of good color. Minnesota No. 13; the cobs are well filled and the individual kernels, plump and of good color, and the planted of good color, and the good location, but ninety-five to one hundred days places it out of danger under average conditions. It may be planted as late as the second week in June and yet safely mature a crop. Price: Pk. 75 cts., bu. \$2.75, a lob u. or over \$2.50 per bu.

WHITE CAP YELLOW DENT

Nearly as early as the Pride of the North with larger ears. The introducer says he will guarantee this corn to mature in linely to minely-five days from planting and to produce a larger cornate that the produce of the produce a larger cornate that the produce is a larger cornate that the produce is a larger cornate that the produce and well filled with deep kernels, the outside ends white, the balance light yellow which gave it the name "White Cap." The early and great production of ears and abundant foliage should make this a popular variety with those who desire ears well advanced toward maturity at the season for cutting for the silo. Price: PR 75 cts., bu. \$2.75, 10 bu. or over \$2.50 per bu.

KING OF THE EARLIEST

This dent variety, a selection from the Pride of the North, made by the originator of that variety, is from ten days to two weeks earlier, which we think makes it safe for planting in this latitude for the purpose of maturing are not long the kernels are very deep and the yield is large. We may say here that more attention is being given in the East to the dent varieties for growing for grain than formerly and they are in a few localities grown almost to the exclusion of the flint type, the growers claiming a much larger yield. But 1876 cts. Price: Pk. 75 cts., bu. (66 lbs.) \$2.75.

PRIDE OF THE NORTH

and to a greater for ensilage. Although not of as rank growth as other varieties of this type, it is on ac-count of its early production of ears popular with some for the latter pur-

pose, especially with those having cold clayey soil. Pk. 75 cts., bu. (56 lbs.) \$2.75.

All prices on corn include bags.



King of the Earliest



EVERYBODY KNOWS ROSS' SEED GROWS



De Lue's Golden Giant Sweet Corn

In the year 1915 DeLue's Golden Giant was exhibited at the annual fall show of the Massachusetts Horticultural Society and was awarded a diploma of merit as being a distinct advance over the popular Golden Bantam. At the annual show a year later, the above society awarded it a silver medal, the first of its kind awarded by that society for sweet corn in 67 years. Each year since then it has been awarded first prize by said society at its annual fall exhibition.

Much attention has been paid to the characteristics of the plant growth. Our grower has been constantly on the watch for the following points:

Ears formed low down on the stalk, for the plant is less apt to be damaged by the weight during wind and rain storme

Husks thick and long so as completely to cover the ends of the ears for protection from birds, worms and smut.
A distinguishing color, which in the Golden Giant is a rich purple on the stalk, leaf and husk in about one-third of the plants, and an admixture of purple and green in the

balance. This makes substitution impossible, for no other sweet corn plant in the world has this color. The most particular attention has been paid, however, to the quality, for earliness and great size would count for nothing without this crowning virtue. It is because of the extreme tenderness, combined with that exquisite rich sug-

ary flavor, that the Golden Giant has become the standard of perfection for sugar corn.

DeLue's Golden Giant excels all other early varieties in size, productiveness and quality, and all the late varie-ties in quality and early maturity. It is the one corn for the home or market gardener who wants the greatest amount of highest quality corn in the shortest period of time from the smallest piece of land.

The illustration shows a full sized ear of DeLue's Golden Giant Sweet Corn.

The DeLue's Golden Giant which we are offering is produced direct from seed obtained from the originator and has been grown well apart from all other varieties. It has proven to be a very prolific variety, producing a large proportion of twin eared stalks.

Price: PKT, 15 CTS., 1 LB, 50 CTS., 2 LBS, 95 CTS., 10 LBS. OR OVER 45 CTS. PER LB.

Golden Bantam

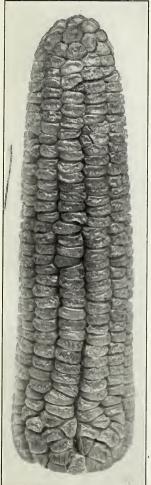
A Favorite With All Who Have Grown It

Golden Bantam has become so popular that it has been almost impossible for those who grow it to keep up to the demand. It has gained such a nation-wide reputation that many summer hotels feature it by name. It is fast making new friends every season. Golden Bantam is dwarf, the stalks usually are 4 to 5 feet high and the foliage is short, allowing it to stand closer together in the small garden and thus produce a large crop on a small area.

When Golden Bantam is ready for use it is a rich, creamy yellow, which deepens to an orange-yellow as it We especially recommend Golden Bantam for our New England climate, in fact, for any climate where sweet corn can be grown. It may be used as a first early and if planted every ten days from the end of May until the tenth of July a continuous supply of the finest sweet corn may be had the entire summer.

For earliness Golden Bantam ranks ahead of those varieties such as the White and Red Cory, which have so long been used as extra early.

Regarding flavor, Golden Bantam stands in a class by itself. It is deliciously distinct and superior to any other sweet corn, proof of this is the fact that it has a decided preference in the markets, in the restaurants and hotels and in the home, where those who can grow it in the garden have the privilege of enjoying the best "Sugar Corn" it is possible to obtain. PKT. 15 CTS., 1 LB. 25 CTS., 2 LBS. 40 CTS., 10 LBS. OR OVER 18 CTS. PER LB.



DeLue's Golden Giant





ROSS BROS. CO. WORCESTER, MASS.



Sweet Corn

2 Pounds will plant about 200 hills, 10 to 12 pounds to the acre We pay postage on one pound or less; for larger quantities by parcel post remit postage. See page one.

Sweet Corn should not be planted until ground is warm, and can not usually be safely planted in this latitude much before the middle of May. The small, early varieties may be planted in the garden as close as 2½ by 2 feet, but in the field, are generally planted 3 by 3 or 2½ feet. In the small garden, however, a more economical use of space can be made and the product secured a little earlier by making rows several feet apart, planting in the intervening space any early, low-growing crop like radish, spinach, or lettuce, and following this with a second crop of cucumbers for pickles, winter squash, celery or turnips, the corn ripening in time for removal of the stalks before they greatly interfere with the growth of the second crop. The later and larger varieties require more room. Corn thrives best on Entry the stalks and the stalks before they greatly interfere with the growth of the scan between the stalks and the stalks are considered to the stalks before they greatly interfere that the stalks and the stalks before they greatly interfere that the stalks are the stalks and the stalks are the stalks are the stalks are the stalks and the stalks are the stalks are the stalks before they greatly interfere that the stalks are the sta



This sweet corn is of California origin and the result of crossing the Golden Bantam on the Country Gentleman. As indicated by the illustration the Golden Cream resembles the Country Gentleman. As indicated by the illustration the Golden Cream resembles the Country Gentleman in appearance, having the same irregular rows, and has also the deep-pointed kernel and slender cob of that variety, otherwise it is entirely distinct, being of dwarf habit in growth, having an ear about the length of the Golden Bantam, and affirers from the Country Gentleman in time

the tentric to to core and a direct from the country General in time of the tolden Cream is of unsurpassed quality, having the peculiarly rich flavor of the Golden Bantam and the tenderness of the Country

Gentleman.

It is remarkably productive, bearing very generally two or three ears to the stalk, and sometimes four. The color, when at the stage suitable for eating, is a rich cream, cooking to a light golden yellow.

The combination of good qual-ities of the varieties which pro-duced the Golden Cream insuring a reasonable degree of certainty that the product would be of more than ordinary quality, its earliness and productiveness, should induce a trial of it by all who cultivate sweet corn. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs or over 18 cts. per 1b.

GOLDEN DAWN

It ripens with the Early Crosby and grows about 5½ feet high; very productive, hav-ing two or three good ears on ing two or three good ears on a stalk. The ears are eight to twelve rowed, filled out to the very end. The color is a golden yellow and the quality is unsurpassed. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

GOLDEN ROD

Golden Rod is the result of a cross between Stowell's Evergreen and Golden Bantam, and

The ear is none too small, nor is it large and bulky, but just large enoup for ordinary consumption. The plants are 6 to 7 feet high, strong, profusely leaved, and bear on each stalk, at a convenient height, two ears lavishly packed with delicious golden grains of appetizing flavor. Exceptionally fine to follow Golden Bantam on account of its large escue.

Golden Cream

BLACK MEXICAN. A popular variety; until the introduction of the Golden Bantam, the sweetest of all. Ears of medium size; kernels large, when ripe bluish black, but at proper stage for cooking, the color shows but little if at all. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

EARLY EVERGREEN. Ears large, with sixteen to twenty rows. Equal in quality to the Stowell's Evergreen; one to two weeks earlier. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.



Early Evergreen



ROSS' SEED GROWS



Sweet Corn - continued



Early Crosby

ARLY CROSBY. New England Strain. This has been for years the most popular second-early strain in New England, and is largely grown elsewhere. Ears are intersequently attractive and distinct, having rather small, almost square kernels packed so closely on the coh, that there is no space between the rows, as with other varieties; has always twelve or more rows and tip is completely covered. Not only a unusually attractive ear, but of a size preferred by many, and corn is superior quality. Pkt. 15 cts., 1 lb. 25 cts., 2 lb. Ad cts., 1 lb. 10s. or over 18 cts. per lc cts.

HOWLING MOB. This corn originated in Ohio and it hecame so popular it was given the above name. The endeavor of the originator of this corn was to get as large an ear as possible, early in the season and of sweet flavor. This corn is of strong and duces two cars to each stalk. Ears measure 7 to 9 inches in length with 12 or 14 rows. The corn is nearly white, usually covered with a heavy busk which extends well over the tip of the ears which affords a good protection from worms and birds. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lh.

10s. 40 cts, 10 los. or over 18 cts, per in.

COUNTRY GENTLEMAN. Medium size, with irregular rows of very deep and slender kernels and small cob. Sweet and tender, not surpassed in quality by any other variety with white kernels. Plant surpassed in the property of the p

EARLY MAYPLOWER. One of the whitest and sweetest of the early varieties; an exceptionally good yielder and one that deserves to he planted to come in ahead of Golden Bantam; ears average 8 inches with deep kernel. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

KENDEL'S EARLY GIANT. A second-early variety, following closely the small-eared, early kinds, but having ears of sufficient size to warrant its use for main-crop, usually twelve-rowed. Of good quality; productive. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

MAMMOTH WHITE CORY. Differs from the White Cory in having considerably larger ears, and in that they are twelverowed. Ripens nearly as early and is thought by some to be of better quality. Pkt. 15 cts., 1 lh. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

MARBLEHEAD MAMMOTH. Ears of the largest size, having twelve to sixteen rows of kernels of more than average size, sweet and tender. Preferred hy some to Evergreen for fodder and matures its crop earlier. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

POCAHONTAS. One of the earliest varieties, similar to White Coh Cory; ears are large, evenly and compactly filled with tender white kernels of very fine quality for a first early variety and runs very uniform as to type and productiveness. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

POTTER'S EXCELSIOR, or SQUANTUM. First named Potter's in Boston market, later named Squantum in Rhode Island. Ears of medium size. Matures soon after the second-early sorts. Pkt. 15 cts., 1 lh. 25 cts., 2 lhs. 40 cts., 10 lbs. or over 18 cts. per lb.



Early Mayflower

QUINCY MARKET.

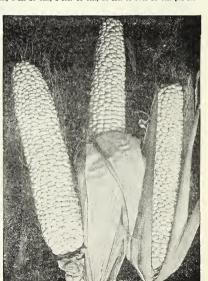
of the sweetest early varieties. The ears closely resemble the Crosby, but are larger and mature earlier. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., 10 lbs. or over 18 cts. per lb.

STOWELLS EVERGREEN.

The heat known and most largely planted of all the varieties. The Stowell's Evergeen is hard to beat and for a long time to come many will have it in preference to any other sort. This corn is distinct the long, deep kernels, its rich, sugary flavor and its long keeping qualities. It is the standard late sort. Pkt. 15 cts., 1 lb. 25 cts., 2 lbs. 40 cts., per lbs. or over 18 cts. per lbs.

GROW NEW POTATOES

from Hybridized "Seed Ball" Seeds. Order now. This may he your last chance. Packet, with directions 15 cts., 4 for 50 cts., 10 for \$1.00.



Country Gentleman

ROSS BROS. CO. WORCESTER, MASS.



Rice Pop Corn for Planting

WHITE RICE. This variety of pop corn is an old and tried corn. It is the heaviest yielder of all and of very good quality. The stalks grow from 5 to 6 feet tall and produce two to three ears each. The ears are about 6 inches long and covered from butt to tip with long, hard, flinty kernels. When popped the kernels are very large and tender. We recommend this variety especially for its large yielding ability and its popping qualities. Price, lb. 20 cts., 10 lbs. or over 18 cts. per lb.

AMBER QUEEN. The ear and kernel of this variety is very much like the Whte Rice. The corn is a clear amber color, pops pure white and exceptionally large, quality fine. Price, lb. 20 cts., 10 lbs. or over 18 cts. per lb.



Shelled Corn

TANAGER BRAND FOR POPPING

The best pure white pop corn, in fine condition for popping. Shelled corn in one pound packages.

Price, lb. 10 cts., 10 lbs. or over 8 cts. per lb. WHITE RICE POP CORN on the cob. Price, lb. 8 cts.



Betsy Ross Victory Garden

17 large packages of highest quality vegetables, enough for the home garden, postpaid, for

Dolt Bens, Fore Crop Black Wax 1 plst, Bens, Support, 1 plst, Bens, Support Crop Black Wax 1 plst, Best, Company or Hard Company of the Compa

pkt. Splnach, Thick Lear pkt. Sweet Corn, Golden Bantam pkt, Gweet Corn, Golden Bantam pkt, Om n, Yellow Globe Danvers pkt. Turnip, P T White Globe pkt Swiss Chard pkt Beans, Green Pod Stringles pkt Swiss Chard pkt Reans, Green Pod Stringles pkt Swiss Chard

Each variety the best of its kind. All should be planted in every garden Address, enclosing \$1.00. Front Street, Worcester, Mass. ROSS BROS. CO.,



Rice Pop Corn

HERBS

	oz.	pkt.
Anise		.10
Caraway	.30	.10
Catnip		.10
Coriander		.10
Dill	.15	.10
Fennel		.10
Lavender	.50	.10
Marjoram, Sweet	.35.	10
Sage	.40.	10
Savory, Summer	.35 .	10
Thyme	.35.	10

VEGETABLE PLANTS AND ROOTS

By express only. Write for prices. CABBAGE PLANTS. Best varieties. CELERY PLANTS. Leading varieties. CAULIFLOWER PLANTS. Snowball. PEPPER PLANTS. TOMATO PLANTS. All the leading

ASTER PLANTS

American	Branching.	Pink.
American	Branching.	Mixed.
American	Branching.	White.
American	Branching.	Lavender

varieties.

BIRD SEEDS

Best recleaned: for feeding only

	Pound	100 lbs
Canary	\$.12	\$10.00
Hemp	.15	12.00
Kaffir Corn	.10	5.00
Lettuce	.40.	38.00
Millet, Mixed	.10	8.00
Peas for Pigeons	.12	9.00
Rape	.12.	9.00
Sunflower, Striped	.10	8.00
Postage extra.		

SEEDS USED FOR FLAVOR-ING AND PICKLING

Carawa	у										
Celery											
Coriand											
Dill											
Fennel											
Mustar	d										

RHUBARB ROOTS

Victoria, small roots 25 cts. Victoria, clumps, 50 cts. SALVIA PLANTS. Bonfire and Splend-

(For other plants see page 74.)

RAFFIA FOR TYING

Raffia is the straw colored inner skin of a palm found in Madagascar. It is very strong and tough, but soft and flexible which makes it the very best material for tying vegetables, plants, vines, etc. It is better than twine as it does not cut the plants and is much stronger. It is also used for making baskets. Raffia comes in hanks from 1 to 5 lbs. We offer the best grade. Price per pound 25 cts.





EVERYBODY KNOWS ROSS' SEED GROWS



GENERAL LIST OF VEGETABLE SEEDS



All prices in this catalogue are based on the lowest market price at time catalogue goes to press but they are subject to market changes. This applies to both advance and decline.

Asparagus

An ounce will sow about 60 feet of drill, and produces 200 or more plants.

To grow asparagus from seed, sow as early as ground can be worked. Make the soil rich and sow in drills one foot apart and an inch or more deep. If the bed has good care, the roots may as well be transplanted to the permanent bed early the following spring at owner and the second of the second o

WASHINGTON ASPARAGUS. It is a rust-resistant, vigorous, high yielding strain of giant asparagus, it represents the best in thousands of plants tested in a search lasting ten years. It is of rapid growth and large size, both of which qualities indicate tenderness. Our supply of both seed and roots is limited. Seed, Pkt. 20 cts., oz. 30 cts., ¼ lb \$1.00.

Selected 2-year roots. Doz. 40 cts., 50 \$1.50, 100 \$2.75 postpaid. By express, 100 \$2.50, 1000 \$22.50.

COLUMBIAN MAMMOTH WHITE. Large stalks; clear white until 3 or 4 inches high. Pkt. 10 cts., oz. 15 cts., ½ lb. 40 cts.

GIANT ARGENTEUIL. Popular in France on account of its large, thick, green stalks, being a special favorite in the Paris markets. Pkt. 10 cts., oz. 15 cts., $\frac{1}{2}$ lb. 40 cts.

PALMETTO. Early and productive. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 40 cts.

ASPARAGUS ROOTS

The easiest way to obtain an Asparagus bed is to set out the roots. It takes 3 years to establish one from seed, but with our large, two year roots a bearing bed may be had in 2

We can furnish strong two-year old roots of the three varieties listed. 50 in a bunch at the following prices: Per 50, 75 cts., postpaid. By express, per 100, \$1.30; per 1,000, \$12.00.

COLUMBIAN MAMMOTH WHITE.

PALMETTO.

GIANT ARGENTEUIL.

ARTICHOKE

GREEN GLOBE. Perennial, large-floweing heads, cooked like Asparagus. Matures second year; not hardy in the North. Pkt. 20 cts., ½ oz. 55 cts., oz. \$1.00.

BRUSSELS SPROUTS

A very hardy plant of the cabbage family, growing from 2 to 3 feet high, producing from the sides of the stalk numerous small heads about 2 inches in diameter. Sow about the middle of May, and treat generally as directed for cabbage.

IMPROVED HALF-DWARF. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts.

BROCCOLI

ST. VALENTINE BROCCOLI has a clear white head like a cauliflower, surrounded by heavy leaves which may be tied to further blanch the heads. It stands cold and wet well, and heat better than any cauliflower. Be sure that the plants have plenty of water. Seed started in June will make heads which will be in good condition all winter. Seed started earlier will bring heads in for summer. Remember that Broccoli takes longer to mature than Cauliflower and so allow two or three weeks more. Pkt. 15 cts., ½ 0z. 55 cts., 0z. \$1.00.

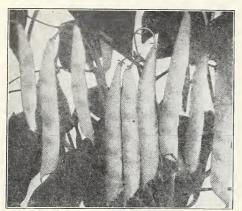


Brussels Sprouts



ROSS BROS. CO. WORCESTER, MASS.





Improved Golden Wax Beans

BEANS

2 lbs. will plant 100 feet of drill. 60 to 90 lbs. will plant an acre.

Beans succeed best in warm, light soil of at least average fertility. In this latitude it is not usually safe to plant much earlier than the middle of May. If planting is made earlier and is followed by especially wet or cold weather, the planter should not blame the sectionant it beans fail to germinate. Plant the dwarf blame the sectionant is of seet apart, about 2 inches deep, and thin plants 4 to 6 inches plant. Give frequent, sballow cultivation until time of blossoming.

DWARF WAX OR BUTTER BEANS

BLACK WAX, PROLIFIC. One of the best for a home garden, perfectly stringless and of excellent flavor. Pods are medium size, round and of a clear waxy white color. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

BRITTLE WAX. One of the best early varieties. The pods are round and long, often six inches in length, and a rich, golden yellow; stringless and tender. When ripe makes good shell bean. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

CURRIE'S RUST-PROOF WAX. It has been claimed that this medium early bean is absolutely rust proof and we have found it as nearly rust proof as any wax-podded bean. The plants are very vigorous, hardy and productive. The pods are five to six inches long, nearly straight, broad and flat; color, golden yellow. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lb.

We send one pound or less postpaid; for larger quantities by parcel post postage must be sent. See page one.

DAVIS WHITE WAX. Vines of vigorous babit, fairly productive, not especially subfect to hlight or rust. Pods longer than those of most other varieties, slways straight, the white production of the production of the production of the production of the stringless, but, later, are hardly equal in quality to those of some less hardy sorts. Seeds white, kidney-shaped, excellent for haking. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lb.

GOLDEN-EYED WAX. Next to Horticultural Wax in its freedom from rust, and superior to that in quality though not equal to most others in the list. Pods of good length, dat, straight, waxy yellow and attractive. Popular with market-gardeners. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lb.

HODSON WAX. A new and distinct variety, about two weeks later than others, but surpassing most others in its combination of large, handsome pods, good quality and immunity from rust. It is also above the average in productiveness. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lb.

IMPROVED GOLDEN WAX. An old, well-known and popular variety of excellent quality. Pods flat, long, golden yellow. One of the earliest and best dwarf wax varieties for the private garden. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

NEW-KIDNEY WAX. An improvement on that excellent variety, Wardwell's Kidney Wax; more productive, less liable to rust or blight, while equal in quality. Pods are flat but very thick, 6 to 7 inches long, entirely free from strings and tough fiber. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

ROUND-POD KIDNEY WAX. Of unsurpassed quality. One of the best for the home garden and very desirable for market, where round-podded varieties are popular. Fools are long, very white and wax-like; uniformly reflect in shape and vine is very productive. Pkt. 15 cts., 1 bb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

SURE-GROP STRINGLESS WAX. An absolutely stringless, rust-proof, wax pod, bush bean. Pods seven to seven and a balf inches long, about half an inch in diameter, and a beastiful ricb yellow color. Flant hardy, extremely prolific, in fact it bears more freely account of its size it is always a ready seller on the market. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lb.

WARDWELL'S KIDNEY WAX. A very popular variety, especially in some localities, because of the large size, handsome appearance and excellent quality of the pods. The pods are flat, broad, and usually five or six inches long, of delicate waxy yellow color stringless and brittle. Very widely used by market gardeners. Pkt. 15 cts., 1 bs. 30 cts., 2 bs. 55 cts., 10 bs. or over 25 cts. per lb.

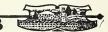
WEBBER WAX. A distinct type that shows plenty of breeding and selection. Early, resistent, and a very heavy yielder of large, oval pods which snap, without strings. Pkt. 15 cts., 1 ib. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 2 cts. per lb.

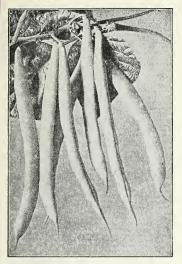


Sure Crop Black Wax



EVERYBODY KNOWS ROSS' SEED GROWS





Prolific Black Wax Beans

We send one pound or less postpaid; for larger quantities by parcel post, postage must be sent. See page one.

Beans

Dwarf or Bush Green Podded Sorts

Don't Forget-Mulford Culture for Beans

BOUNTIFUL. Vine unusually thrifty, rarely affected by blight, bears early, profusely and for a long time. Pods large, that but thick and meaty, stringless and tender. Pkt. 15 cts., 1 lh. 30 cts., 2 lhs. 55 cts., 10 lh. no rover 25 cts. per lh.

BOSTON SMALL PEA. More largely used than any other variety for baking. Choice selected. Pkt. 10 cts., 1 lb. 20 cts., 2 lbs. 35 cts., 10 lbs. or over 16 cts. per lb.

BURPEE'S GREEN POD STRINGLESS. A very desirable dwarf green podded snap sort for the home garden and largely grown for the market. The plants are large, spreading and productive. The pods are medium green, five to six inches long, cylindrical, larger than those of Red Valentine, but are quite as fleshy, of equally rymanican, larger than those of Ked valentine, but are quite as fleshy, of equally high quality and remain crisp and tender longer. They mature a little later. Seed of medium size and length, yellowish brown. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

DWARF HORTICULTURAL. Pods thick, broad, of medium length, yellowish green splashed with red when at the stage of fitness for green shell beans and are then very attractive. Beans are large, oval easily shelled and of fine quality. Pkt. 15 cts., 1 lh. 30 cts., 2 lhs. 55 cts., 10 lbs. or over 25 cts. per lh.

PRENCH'S HORTICULTURAL. This is a bean of the horticultural type which has been grown quite extensively in some localities by the Market Gardeners for a number of years. The vines are compact and of upright growth; almost always sending out runners to a height of one and one-half to two feet, but do not climb a pole and are not of sufficient length to affect the bean in any way. The pods when ready to use are a yellowish green splashed with a bright crimson. Very proline. Pkt. 15 cts., 1 lh. 30 cts., 2 lh. 55 cts., 1 lh. of the crimson.

EARLY RED VALENTINE. An old favorite. Vine hardy and productive; pods round of medium length, thick, tender and of fine flavor. Pkt. 10 cts., 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lb.

EARLY LONG YELLOW SIX WEEKS. The vines of this variety, known also ARALLI LUNG YLLLIUW SIA WEEKS. The vines of this variety, known also as long Yellow Six Weeks, are large vigorous, erect and very productive. The leaves are large. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of good quality for snaps. This sort is early maturing and a fine shipper. Seed medium sized, long kidney shaped, light yellow with small brownish circle about the eye. Pkt. 15 cts., 1 lh. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lh.

GIANT STRINGLESS GREEN POD. Makes an excellent succession to Burpee's Stringless Green Pod when planted at the same time.

The plants are of strong growth; pods lightly curved, quite meaty, being broadly rounded and saddle-backed; brittle and stringless at all stages. Pkt. 15 cts, 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lb.

GODDARD, or BOSTON FAVORITE. Vine very large, vigorous and productive. Pods long, larger than the Dwarf Horticultural, similar in color and marking. Beans large, kidney-shaped, of excellent quality. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 50 cts., 10 lbs. or over 22 cts. per lh.

IMPROVED YELLOW EYE. One of the best sorts for baking; extremely productive and of superior quality. Pkt. 10 cts., 1 lh. 20 cts., 2 lbs. 35 cts., 10 lbs. or over 16 cts. per lh.

LOW'S CHAMPION. Vine of rank vigorous habit, seldom affected by blight or mildew; prodeutive; pods large and well filled. Beans large, oval, red. of finest quality. Pkt. 15 cts., 1 th. 30 cts., 2 ths. 50 cts., 10 lbs. or over 22 cts. per lb.

RED KIDNEY. ED KIDNEY. Large red kidney shaped beans of excellent quality. The old-fashioned baking bean. Pkt. 10 cts., 1 lh. 20 cts., 2 lhs. 35 cts., 10 lhs. or over 16 cts. per lh.

ENGLISH BROAD BEAN

BROAD WINDSOR. An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. Pkt. 25 cts., 1h. 60 cts., 2 lbs. \$1.00.

R. R. No. 3, Port Rowan, Ont., Canada,

Dear Sirs:celevating your Eureka Corn which I got last spring from you, it was excellent sand grew from 13 to 15 feet high. People came miles to see it. I had 4½ acres and it filled a silo 12x30 and some to spare, without fertilizer. I am not soing to fill my silo this year owing to change in stock, but when I do it will be Eureka corn. It averaged one half more than any other corn grown around Norfolk County.

Hoping you will send me your catalogue for other seeds. All seeds I got from you last year was 100%.

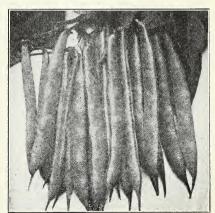
Yours truly. H. S. Cook.

Mount Denson, Hants County, Nova Scotia, Jan. 23, 1921. Ross Bros. Co. Worcester, Mass.

Dear Sirs: I received your Eureka corn in time. It grew 15 feet high, most of the neighbors wonder where I got the corn. Some said it was the tallest they

had ever seen.
Please send me your 1921 catalogue.

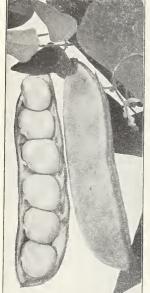
Yours truly, C. E. Keddy.



Rountiful Reans

ROSS BROS. CO. WORCESTER, MASS.





Fordhook Bush Lima Beans

Dwarf Lima Beans

1 lb. will plant about 50 hills.

The dwarf lima class cannot be recommended too highly. The beans can be grown and gathered much more easily than the pole limas, as the vines require no support. They can also be grown closer together than those, are equal in quality to pole limas and as a rule are earlier maturing, Limas require a longer season for maturing than other gardens beans. Do not plant till the ground is dry, weather warm and danger of frost is over. If possible select rich, light soil. Flant in drills two or three feet apart, dropping the beans three to four inches apart and covernant of the season of the

HENDERSON'S BUSH LIMA. A bush of the Sieva Lima; beans small but vine is productive and bears early. Pkt. 15 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 10 lbs or over 30 cts. per lb.

BURPEE'S BUSH LIMA. A bush form of the Large Lima which it closely resembles and approaches in size. Very popular, Pkt. 15 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 10 lbs. or over 30 cts. per 1b.

BURPEE'S IMPROVED BUSH LIMA. A distinct strain, The earliest, largest and the best of all large limas. This new strain differs from the popular Burpee's Bush Lima in bearing uniformly much larger pods, producing more beans, while both are as large as those of the Large Lima, the crop of the Improved is ready for gathering from eight to ten days earlier. In quality, the beans are equal to any, being thin-skinned, julcy and of fine flavor. Pkt. 15 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 10 lbs. or over 30 cts. per lb.

FORDHOOK BUSH LIMA. The Fordhook Bush Lima Bean is not a selection made by man from the Dreer's Bush Lima, but created by nature, a single sport found in the field of Dreer's varieties of Bush Lima Beans. The plant is of stiffly erect habit, the beans are much larger and of superior quality and even when full size are juicy and of fine flavor. Pkt. 15 cts., 1 bb. 85 cts., 2 bbs. 65 cts., 10 lbs. or over 30 cts. per lb.

Pole or Running Lima Beans

2 lbs. will plant about 100 hills

These, like the Dwarf Lima, are tender and should not be planted in this latitude much before the first of June, and even then a liberal quantity of seed should be used to be more nearly certain of a uniform stand. Three plants, however, are all that should be allowed to grow in a hill.

ARPENTERIA. This is just the lima for the market gardener to grow for main crop. It is early and large, and enormously prolific, without much vine. Pkt. 15 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 10 lbs. or over 30 cts. per lb. CARPENTERIA.

KING OF THE GARDEN LIMA. Earlier than the Large Lima, and pods are longer and often contain five beans of the largest size. The vine is large and of remarkably vigorous growth and will produce larger pods and bear earlier if only two are allowed to grow to the pole. Fkt. 15 cts., 2 lbs. 65 cts., 10 lbs. or over 30 cts. per lb.

LARGE LIMA. The old standard variety. Pods are broad, thin and borne in clusters. The vine grows tall, is vicrous but slender. Later in bearing than the preceeding varieties. The beans are large and of a greenish tings which is considered an indication of superior quality. Pkt. 15 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 10 lbs. or over 30 cts. per lb.

SEIBERT'S EARLY LIMA. The earliest variety; vine vigorous and very productive and continuous so from the first to the last of the season. While the pods are short and rarely contain more than four beans, the total yield compares very favorably with other varieties. A desirable feature of this variety is the ease with which the pods are opened owing to the fact that they are very thin. Pkt. 15 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 10 lbs or over 30 cts. per lb.

Beans - Pole or Running - Wax Podded Sorts

2 lbs. will plant 100 to 150 hills.

Although pole beans require considerable care and labor, they are when properly grown usually of longer bearing period. Pole beans are more sensitive to wet and extremes of temperature than the dwarf varieties and should not be planted as early. Poles should be set in rows about 4 feet apart, prefetally running north and south, allowing about 3 feet between the poles in the row. The safer way is to plant six to eight beans around each pole and thin to three or four plants. Beans should be about 2 inches below the surface and are more generally pressed into the soil, eye down, instead of dropped and covered, as they come up a little sooner planted in this way. Like the dwarf beans they require frequent shallow cultivation.

GOLDEN CLUSTER WAX. Pods long, broad, thick and fleshy; borne in clusters, creamy white in golden yellow; of best quality. Pkt. 20 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 10 lbs. or over 35 cts. per lb.

"KENTUCKY WONDER WAX." This pole bean is quite similar to the very popular green podded Kentucky Wonder, except that the very long pods are a little broader, and of a waxy golden yellow. These are very attractive, fleshy, stringless and not surpassed in quality. The vine is remarkably vigorous and its earliness and hardiness commend the variety as one well adapted for even northern latitudes. The seed even from the most matured crops is usually somewhat shriveled. Like the green podded Kentucky Wonder, this is very productive and we believe it to be generally superior to any other wax podded pole bean. Frt. 20 cts., 1 b. 40 cts., 2 lb. 8.75 cts., 10 lbs. or over 35 cts. per lb.

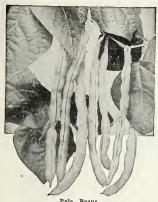


Harlequin Bean



EVERYBODY KNOWS ROSS' SEED GROWS





Pole Beans Kentucky Wonder

Beans - Pole or Running -Green Podded

DON'T FORGET MULFORD CULTURE FOR REANS

DUTCH CASEKNIFE. A favorite with those who prefer white shell heans; beans of medium size, but pods are very long, the yield therefore large. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

GOLDEN CARMINE HORTICULTURAL. A strain of the London Horticultural which has the additional merits of being an excellent string hean and as a shell bean of being a week or more earlier. The pods and beans are nearly if not quite as large and beans are equal in quality. Pods, when at the stage, suitable for string beans, are light waxy yellow; when ready for shelling, golden yellow, splashed with bright carmine; at hoth stages very attractive. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

HARLEQUIN. Earlier, more productive, and with much longer and attractive pods than the well known London Horticultural or Speckled Cranberry, also bardier and a more reliable cropper. The large oval heans are of the highest quality, either shelled or dry. The vines are vigorous, bearing pods that are six to seven inches long, striped or splashed with a deeper and more brilliant red than the London Horticultural. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

KENTUCKY WONDER, or OLD HOMESTEAD. Pods are borne in large clusters, are of unusual length, nearly round, silvery green; when young, crisp, entirely stringless, of fine texture and flavor. Vine bears early and is very productive. Used only as a string bean. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 35 cts. per lb.

LONDON HORTICULTURAL, or SPECKLED CRANBERRY. Pods short, broad, yellowish, streaked with bright red. Beans in general appearance identical with Dwarf Horticultural, of about the same size, more nearly round; of the best quality. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 1 lbs. 50 cts., 2 lbs., 2 lb

SCARLET RUNNER. Largely grown as an ornamental climber; its rapid growth and early production of dazzling flowers make it a favorite for covering screens, walls, etc. It is also of excellent edible qualities, but rarely grown for that purpose. Pkt. 15 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

2 10s. 50 cts, 10 10s. or over 25 cts. per 10.

WORCBSTER MAMMOTH HORTICULTURAL. This variety while similar in general character to the Horticultural Pole, is much superior in several ways. The heans though closely resembling those of the common strain are much larger. Its strikingly bandsome pod combined with its great size are both features of excellence which recommend it. Added to these excellent qualities are those of thrifty, vigorous growth of vine and great productiveness, all making it a variety especially desirable to the market gardener. It easily hrings a higher price in the market than any other, and is not excelled by an other sort for the home garden. Pkt. 20 cts., 1b. 35 cts., 2 lbs. 65 cts., 10 lbs. or over 30 cts. per lb.

BEET An ounce will sow about 100 feet of drill,

The heet thrives best in deep, rich, but rather light soil. Sow in drills about 15 inches apart and one inch deep. Make the soil firm over the seed. For early use, sow soon as the ground can be worked; for fail use, in May; for winter, from the 20th of June to the middle of July, according to the variety. Thin plants to 4 or 5 inches apart. Give frequent shallow cultivation.

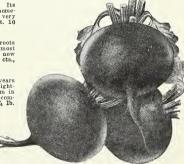
EARLY MODEL BEET. A fine selection of blood-red Beet, extremely smooth, fine rich color and desirable shape, and makes a rapid growth, maturing very early. It is globe-shape, the color of fiesh a rich blood-red and of most excellent quality, being sweet, tender and free from coarseness. The tops are quite small, making it a fine variety for forcing in hotbed, and it retains all the good qualities either when grown under glass or outside. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 35 cts, lb. \$1.00.

EARLY WONDER. One of the earliest and most perfectly shaped Beets. Its heatuiful, deep hlood-red color, globular-shaped roots, make it valuable for the homegarden. The attractive appearance, uniform size, shape, and color, have created a very heavy demand for this variety. It is grown very extensively for late sowing. Pkt. 10 cts., oz. 15 cts., 1/4 lb S. 5 cts., 1/8 lb S. 1.00.

CROSBY'S EARLY EGYPTIAN. An improved form of the Early Egyptian; roots much thicker and more regular. Nearly as early and of better quality. The most popular early variety for market throughout New England, if not elsewhere, and is now heing considerably used for last sowing. Pkt. 10 cts., oz. 15 cts., ½ lb. 30 cts., lb. 90 cts.,

CROSBY'S EARLY EGYPTIAN EXTRA-SELECTED STRAIN. For several years we have give nthis especial attention and have largely succeeded in eliminating the light-colored, coarse fleshed specimens peculiar to the Egyptian. Roots are more uniform in shape and tops are more even in growth and a little smaller. We confidently recommend it to market gardeners as an unsurpassed strain. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. 81.00.

ROSS PERFECTION. A strain selected by us as the best early heet for the market gardener. Nearly as early as the Early Egyptian hut the roots are much thicker and more regular in shape. By careful selection the coarse-fleshed and light-colored specimens have been practically eliminated. The tops are even in growth and a little smaller than the Egyptian, making it an ideal beet for all uses. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.00.



Ross' Perfection



ROSS BROS. CO. WORCESTER, MASS.





Detroit Dark Red

BEET - continued

ARLINGTON FAVORITE.

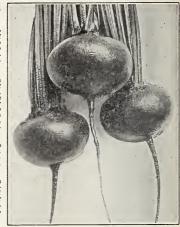
An excellent variety of globular form and deep color, especially desirable to follow the first earlies. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 30 cts., 1b. 90 cts.

CRIMSON GLOBE. Roots perfectly globular, one of the earliest of this shape, flesh dark; skin a sbade lighter. Seldom grows over agmer. Seldom grows over large and is a favorite with some for late as well as early planting. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 90 cts.

EARLY EGYPTIAN. The earliest variety; roots flat; deep crimson; top small. Pkt. 10 cts., oz. 15 cts., ½ lb. 30 cts., lb. 90 cts.

BASTIAN'S EARLY. Roots too light-colored to be popular for market, but of finest flavor. Very tender and sweet. Pkt. 10 cts., oz. 15 cts., 14 lb. 30 cts., lb. 90 cts.

EARLY ECLIPSE. An early globe-shaped variety of good quality and deep color. Pkt. 10 cts., oz. 15 cts., ½ 1b. 30 cts., 1b. 90 cts.



Selected Crosby's Egyptian

EDMAND'S BLOOD TURNIP. A standard variety used for both second-early and main crop. Of good quality and keeps well. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. 90 cts.

DEWING'S BLOOD TURNIP. One of the leading main-crop varieties. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. 90 cts.

DETROIT DARK RED. A superior second-early and main-crop variety rapidly growing in favor for late planting. Tops uniformly small and grow upright so that the rows may be close together. Pkt. 10 cts., 0z. 15 cts., ½ b. 30 cts., ½ b. 90 cts.

SWISS CHARD, or SILVER SEA KALE BEET. Used for greens only. Until recently but little used in this country, but for the last few years has rapidly increased in favor. Much superior to other beets for greens. Of very rank growth, plants should be thinned to about one foot spart. When the plants have attained full size, the stems and midribs are sometimes cooked and served like asparagus. Pkt. 10 cts., oz. 15 cts., ½ 1b. 30 cts., 1b. 90 cts.

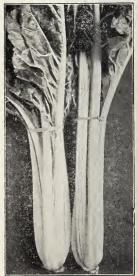
SWISS CHARD, GIANT LUCULLUS. The Swiss Chard, or Spinach Beet, is prepared for the table in the same manner as Spinach; sometimes, however, the mid rib is prepared like asparagus. Seed planted early in the spring will quickly produce plants from which cuttings may be made and the spinar of the s

SUGAR BEETS and MANGEL-WURZELS FOR STOCK FEEDING

1 oz. to 100 feet of drill 5 pounds per acre,

Roots of all kinds are highly valuable for stock feeding and are worth more general cultivation then here have had in the past. All there a feeding of Manrels insures a large flow of milk and bently converted to the past. All there are feeding of Manrels insures a large flow of milk and bently converted to the past of the large growing varieties. They are easy to cultivate and can be raised almost wholly with horse culture and will respond readily to any kind of fertilizer. A yield of 20 tons per acre is equal to 2 tons of the best Timothy Hay or 65 bushels of corn, but they will produce more milk, and in addition to the feeding value found in protein and fat, you also get a large amount of water, which, to our mind, has a feeding value in any of our field crops.

GOLDENT TANKARD. It is one of the best stock beets grown. It has yellow flesh, a very distinct variety, being short with very little tap root and very easy to harvest. Top and neck very small; root ovoid, flesh yellow, zoned with white; an excellent sort. Price: Oz. pkt. 10 cts., 14 10 cts., 15 25 cts., 15. 90 cts.



Swiss Chard



EVERYBODY KNOWS ROSS' SEED GROWS



MANGEL-WURZELS-Continued

MAMMOTH LONG RED. This is truly a mammoth, a single root often weighing twenty to thirty pounds. The extra large, long roots are bornously productive, yielding, under favorable conditions, thirty to forty tons of roots per acre. Price: Oz. pkt. 10 cts., ¼ 1b. 25 cts., 1b. 75 cts.

NORBITON GIANT LONG RED. Similar to the preceding; has smaller top and neck; flesh scarlet. Price: Oz. pkt. 10 cts., 1/4 lb. 25 cts., lb. 75 cts.

ORANGE GLOBE. Top small, root medium-sized; skin deep orange-yellow, fiesh white. Grows almost out of the ground; good for shallow ground; easy to harvest. Price: Oz. pkt. 10 cts., ¼ 1b. 25 cts., lb. 75 cts.

75 cts.
RIVENHALL GIANT. This is one of the finest types of the yellow globe mangel in cultivation. The roots are immense size and exceptionally even in shape. The skin is an orange-yellow with a reddishand of the reddishand fine grain which renders it an excellent keeping variety. It grows fully three-fourths above ground with a very small tap root which makes it well adapted to light soil. Prices: Oz. pkt. 10 cts., ½/4 lb. 25 cts., b. 75 cts.

SUGAR BEETS

LANE'S SUGAR BEET. A standard va-riety for stock-feeding. Price: Pkt. 10 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. \$1.00.

KLEIN WANZLEBEN. This variety is cultivated on a larger scale than any other Sugar Beet. Root is conical, straight and even, large at top and rapidly tapering. even, large at top and rapidly tapering. Not as large as some of the other sorts but contairs the largest percentage of saccharine matter. Price: Pkt. 10 cts., 0z. 15 cts., ½ 1b. 30 cts., lb. \$1.00.



Field of Mammoth Long Red Mangels grown at the Worcester Home Farm. (Insert Mr. A. E. Humphries, Supt.)

CABBAGE An ounce will produce about 2,000 plants

Cabbage will thrive on any good garden soil but is more successfully grown on deep, strong loam, and new soil is much preferable, as on old land the roots are more liable to be affected by the disease called cub-root. Especially should land be avoided upon which, within two years, cabbage, cauliflower, turnips or radishes have been grown.

For the earliest crop seed is usually sown in February or March in hotbeds with only moderate bottom heat, and the plants hardened by gradually some heat, and the plants hardened by gradually as a serily as the ground is in suitable condition.

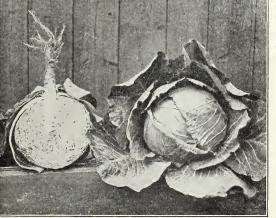
Seed of the second-early, autumn and winter varieties, may be sown in the open ground. If a second crop is desired to follow closely the early crop, seed of some second-early sort should be sown as soon as ground can be worked. For later crops, successive middle of June, possibly some later, the time depending somewhat on the nature and condition of the soil, the season, and more on the variety.

COPENHAGEN MARKET The Best Early Cabbage

The Best Early Cabbage

As early as the Charleston Wakefield it fully meets the requirements of earliness expected of an Extra Early variety, while the heads are as large or larger than the Danish Balhead, averaging in weight about ten pounds. Danish Balhead, averaging in weight about ten pounds, and the same time and so uniform in size that, as the representative of the Danish grower said, they appear as though they were all cast in one mold. The plant is short-stemmed, the heads being produced only a little above the ground. The light green, rather small leaves are saucer-shaped and always tightly folded, permitting of closer planting than usual other early variety, will produce so great a weight per acre and we doubt if any of the later varieties will much surpass it in this respect. The Copenhagen Market has proven itself a valuable addition to the market-garden varieties. Pkt. 10 cts., ½ 20.2. 20 cts., 0z. 35 cts., ¼ 1b. 81.00.

ALL SEASONS. For reliability in heading, not surpassed by any other variety, and few equal it in ability to stand the hot sun and dry weather and when mature to remain in the field so long without bursting. Heads as large as most of the later sorts, nearly round or somewhat flattened, solid and of finest quality. Exensively used for both second early and main crop. Pkt. 10 cts., ½ 0z. 15 cts., 2 lb. 75 cts.



Copenhagen Market Cabbage



ROSS BROS. CO. WORCESTER, MASS.





Danish Ballhead

CABBAGE—Continued

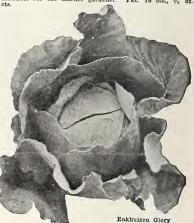
AMERICAN IMPROVED SAVOY. The best of the Savoy type, which should be more largely grown. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

CHARLESTON EARLY WAKEFIELD. A favorite with the market gardeners. sembles the Early Jersey Wakefield in form but it is much larger. Matures equally as early. Very uniform in shape and very desirable for the market gardener. Pkt. 10 cts., ½ 0z. 15 cts.

EARLY JERSEY WAKE-

FIELD. Although this variety is not as early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact medium size, conical and a sure header. Pkt. 10 cts., 1/2 oz. 15 cts., 1 oz. 25 cts, 1/4 lb. 75 cts.

DANISH BALLHEAD. This is now the most popular main crop variety for market, due to its remarkable solidity, weight, uniformity in size, fine keeping qualities and attractive round head. It is especially valuable for shipping to distant markets and for late spring use. Though the heads are but of medium size, owing to their great weight the product of an acre exceeds in weight that of any other variety. We offer a strain of seed which has been proved by repeated trials to be unsurpassed. Pkt. 10 cts., ½ oz. 20 cts., 1 oz. 35 cts., ¼ lh. \$1.00.



DANISH ROUNDHEAD. Matures a little earlier than the Danish Ballhead. The heads are nearly round and have a short stalk and are very hard. The inside leaves are white and sweet. It is a healthy variety and able to stand heat and resist disease. The heads although making quicker growth are fully as large as Ballhead and equally as good in every way; keeping well during the winter and of excellent quality. Pkt. 10 cts., ½ 0z. 20 cts., 1 oz. 35 cts., ¼ 1h. \$1.00.

excellent quanty. Fat. 10 cts., 73 to 20 cts., 10 cts., 1

approximing closely in this respect the opposition of the person was approximately approximately approximately approximately and start the Jersey Wakefield, but much larger. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ½ lh. 75 cts.

EARLY WINNIGSTADT. Head large, conical, hard and keeps well. Plant very hardy and sure to head. Pkt. 10 cts., ½ oz. 15 cts.,

oz. 25 cts., 7410. 10 cts.
HENDERSON'S EARLY SUMMER. An early large-heading sort. Head flat or slightly conical, remains on stump longer without bursting than most early kinds. Pkt. 10 cts., 72 ct. 15 cts., oz. 25 cts., 74 lb. 75 cts.

ing than most early kinds. Fig. 10 cts, γ_2 02. 10 cts, γ_2 02. 25 cts, γ_4 10. 75 cts. FOTTLER'S BRUNSWICK. An early, large drumhead which has been in New England one of the most popular second early varieties. Head flat, solid, keeps well and of good quality. Pkt. 10 cts, γ_2 02. 15 cts, γ_2 15. 25 cts, γ_4 10. 75 cts.

PREMIUM FLAT DUTCH. An old standard late variety. Head large, flat and solid. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lb. 75 cts.

MAMMOTH ROCK RED. Head larger and more solid than Red Drumhead; reliable in heading. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lh. 75 cts.

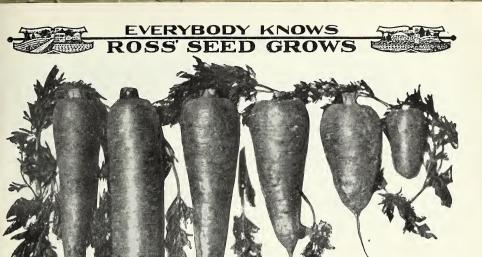
SUREHEAD. The heads are uniform in size and very hard and firm. They weigh from ten to fifteen pounds each. Is of the flat Dutch type. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ½ lb. 75 cts.

cts., ¼, 19, 19 cts.

WARREN STONE MASON. An improved strain of the old Stone Mason. Previous to the introduction of the Danish Ballhead the most popular variety in New England for main crop. Earlier and more nearly round than the old strain, of medium size, hard, solid and of excellent quality. Reliable and keeps well. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ 1b. 75 cts.

CHINESE CABBAGE. This is often called Celery Cabbage on the market, and when well grown resembles Cos Lettuce. It the market, and when well grown resembles Cos Lettuce. It grows very rapidly and matures heads in less time than other varieties. The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white mid-ribs. It is of distinctive flavor, very mild and pleasant. It can be served as a salad, like Lettuce, or cooked like other Cabbage. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ ln. 75 cts.





and keeping qualities.

For early bunching and the home garden, use Chantenay
Rutchinson or Ox heart. For general crop, plant our Danvers Half-Long or Hutchinson. For
Stock feeding, plant Large White Belgian.
Plant carrots for winter use as late as July 10th; on good soil planted late, carrots will have better flavor

Chantenay

Ross Bros. Co., Worcester, Mass. Dear Sirs :of your locality.

Danvers

Perhaps you might be interested to know that on July 8, 1921, I planted ¼ pound your Hutchinson Carrot and I harvested 60 bushels of the finest carrots in my

I remain.

Yours truly,

An ounce will sow about 150 ft. of drill; 3 lbs. to the acre

Modern cooking methods furnish numerous recipes in which Carrots are a most delicious dish. Creamed, alone, or in combination with Peas or other vegetables, they meet the approval of the most epicurean taste. They are used extensively in the best restaurants. For home use they are deservedly increasing in popular favor, not only as a table delicacy, but because of their high food value. For stock feeding the nutritive value of Carrots surpasses most other vegetables. Every stock owner should plant at least a small acreage of Carrots to supplement his fodder ration next winter to take the place of grain. In proportion to other costs they furnish very cheap food.

The Carrot thrives best in a light, sandy soil, free from stones, well enriched, and deeply and thoroughly worked. Make the top surface fine and smooth by raking. Sow in drills 14 inches apart and half an inch deep and thin plants to 3 or 4 inches apart. Sow from the middle of April to the middle of June

Long Orange

HANTENAY. A most excellent medium early, half long variety. It is one of the best in quality for the market and home garden, while its great productiveness and the except continued to the harvested make it desirable as a field sort. The tops are medium sized with small neck. The nature roots are thick, five and one-half to six inches in length, uniformly half long or stump rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Although a medium early sort the roots are suitable for use nearly as early as any. The variety is except the contract of the cont CHANTENAY.

ANVERS HALF LONG. A well known rich orange red variety, very smooth and handsome, producing extra heavy crops. An accellent market variety, crips, and the roots are short, they produce as large a bulk as the longer field sorts and are more easily harvested. This variety has yielded 25 tons per acre. We have given this our special statention and offer at this time as good strain of seed as is possible to obtain. Fkt. 10 ets., 02, 15 ets., ½ 1h. 55 ets., b. \$1.00. DANVERS HALF LONG.

EARLY SCARLET HORN (Stump Root, One of the best early forcing varieties, this being used mostly for forcing and extra early planting. It is very fine grained and of excellent flavor as a table Carrot. Grows well in shallow soil, being a short variety with small top. Pkt. 10 cts., vz. 15 cts., ½, 1b. 35 cts., 1b. 3.10.

GUERANDE, or OXHEART. Roots very thick, four and onehalf to five inches long, tapering but little and ending abruptly in a small tap root, tender and sweet while young. Flesh, bright orange. Used considerably for bunching earlier in the season, A desirable variety for growing on hard, clayey soils. Easily harvested. Pkt. 10 cts., oz. 15 cts., ¼ b. 35 cts., 1b. \$1.00.

Ox Heart

West Boylston, Mass. Valley Croft,

Scarlet Horn

VETCHINSON. Unquestionably the finest strain of Carrot yet introduced. This is a selection from the well-known Danvers, made by the late Mir. Annos Hurchinson, of Peabody, Mass. This Carrot by the late Mir. Annos Hurchinson, of Peabody, Mass. This Carrot at the late of the Mir. Annos Hurchinson, of Peabody, Mass. This Carrot a little darker than the Danvers, grows from one to two inches longer and holds its fulness well down, and is a much heavier cropper. Two Carrots go across the box. You will actually secure 20 per cent. more Carrots per acre from this variety than from the Danvers, and the flavor is superior to all other Carrots. Pkt. 1-10 eta., oz. 20 eta., ½ 10, 60 eta., 10, 52,00. HUTCHINSON.

-10 cts., oz. 20 cts., ½ 1b. 60 cts., 1b. \$2.00.

LONG ORANGE IMPROVED. The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often twelve inches in length and three inches in diameter at the crown, tapering regularly to a point. The tops are rather large. This intermediate to late maturing sort is suitable for table use as well as stock feeding, combining great productiveness with uniform shape where grown in light, deep, rich soil. When of size suitable for the table, hot of size stitchle for the table, hot of size stitchle for the control of size stitchle for the control of size stitchle for the size of size of size size of siz

LARGE WHITE BELGIAN. Grows one-third out of ground. The portion above ground is green, that below white, large and rather coarse. Used only for stock. Pkt. 10 cts., oz. 15 cts., ½ rather coarse. Used of 1b. 35 cts., 1b. 90 cts.

ROSS BROS. CO. WORCESTER, MASS.



Cauliflower

An ounce will produce 2,000 plants

In general, the Caulinflower requires about the same treatment as the cabbage; moist land is, however, more essential and heavier manuring and more frequent cultivation and to a greater extent the full development of the plant. In this climate the plant heads well only in the cool fall months. Seed should therefore be sown as for only in the cool fall months. Seed should therefore be sown as for the cool fall months are so that the cool fall months are so that the cool fall months are the cool fall months. The cool fall cool fall of the cool fall cool fall of the cool fall months are the cool fall cool fall of the cool fall cool fall of the cool fall of the cool fall cool fall of the cool fall

EARLY SNOWBALL. The earliest and surest to head. Probably more largely used than all others combined. We offer an unsurpassed strain from one of the leading growers in Danmark. Pkt. 20 cts., ½ oz. \$1.00, ½ oz. \$1.85, oz. \$3.50.

EARLIEST DWARF ERFURT. One of the earliest varieties; very dwarf, with large, white, compact heads of finest quality, Excellent for forcing. Pkt. 20 cts., 1/4 oz. \$1.00, 1/2 oz. \$1.85, oz. \$3.50.

DANISH GIANT, or DRY WEATHER. About ten days to two weeks laten than the Snowball. Of dwarf growth, producing large, hard and snow white heads, fully protected by foliage. As indicated by the name, especially adapted for dry and hot chimates. Pkt. 20 cts. 1/4 oz. \$1.00. % oz. \$1.55. oz. \$3.56.

EARLY LONDON. A well-known variety, maturing its heads soon after the extra-early sorts. Pkt. 10 cts., ½ 02. 75 cts., 02. \$1.35, ½ 1b. \$5.00.



Snowball Cauliflower (Selected Stock)

Celery

An ounce will produce from 3000 to 4000 plants

It requires about three months from sowing until the seedings are ready to set in permanent place. For early setting, seed may be sown indoors in shallow boxes or in a cold frame, for later setting early in the open ground. Sow in fine soil, over lightly and firm soil well with hoe or board. Keep soil moist, until seed germinates, nearly wet. When two or three inches high transplant so plants will be three inches apart each way. Shearing off the tops when plants are four inches high will make them more stocky. As soon as well rooted transplant to permanent location. In the field, plants are set in rows four to six feet apart.

with plants eight to twelve inches apart in the row. In the garden they are often set much closer. To blanch, draw earth about the plant from time to lime, taking care that the tops of the centre shoots are not covered.

BOSTON MARKET. An old variety of superior quality; at one time the most popular variety in New England. Of low, spreading habit, forms a number of secondary heads instead of a single large one. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. \$1.00.

EASY BLANCHING. A distinct sort. Very quick and easy to blanch, has exceptional keeping quality. The plant is of medium height, of great vigor, having thick rather than broad stalks, with shallow ribs. The stalks are very britle and the flavor extremely spicy. Price: Pkt. 10 cts., ½ oz.—20 cts., 1 oz. 35 cts., ½, lb. \$1.00.

GIANT PASCAL. A green-leaved variety which developed from the Golden Self-Blanching. Very solid and crisp, of the finest quality, string-less, tender and of a peculiarly sweet, mutty flavor. Pkt. 10 cts., ½ 02. 20 cts., 02. 35 cts., ½ 1b. \$1.00.

GOLDEN SELF-BLANCHING. The most popular variety for market, easily blanched, very attractive, of good quality, though not equal to some of the green celeries.

TRUE FRENCH-GROWN SEED. Pkt. 20 cts., ½ oz. 65 cts., oz. \$1.25, ¼ lb. \$4.00.

AMERICAN-GROWN SEED. Seed plants grown direct from French seed. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. \$1.00.

WHITE PLUME. The earliest and most easily blanched of all varieties, very showy, of good quality. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ b. \$1.00.

WINTER QUEEN. Of medium heigh, but stout, thick, and heavy, with a larger amount of heart than most other sorts. Of fine quality, more easily handled than the Giant Pascal, and an excellent keeper. One of the best for late winter use. Pkt. 10 cts., ½ 02. 20 cts., 02. 35 cts., ½ h. \$1.00.

CELERIAC, Turnip Rooted Celery

Sow seed and treat in first stage of growth as directed for celery. Set in rows feet apart and 6 inches apart in the row. As the roots only are used, no banking is necessary. When row the row is the roots only are used, in the row of the row

LARGE SMOOTH PRAGUE.

which have but few side roots.

4 lb. 80 cts.

CHEVRIL CURLED

A hardy annual, used for flavoring and garnishing. It is thought by some to exceed even parsley in beauty. Seed should be sown early in the spring and when plants are well-rooted, transplant to one foot apart. The leaves will be ready for use in seven to ten weeks from planting. .Pkt. 10 cts., 0z. 25 cts., 2 ozs. 45 cts., ½ 1b. 80 cts.



Giant Pascal Celery



EVERYBODY KNOWS ROSS' SEED GROWS



Cucumber

An ounce will plant about 50 hills. 11/2 to 2 pounds to the acre

The Cucumber requires well-enriched soil, and should not be planted until settled warm weather, in this latitude, seldom before the middle of May. Plant the early, small kinds in hills 3½ to 4 feet apart, the larger varieties 5 to 6 feet. Make the hills broad, use 15 to 2 seeds to the hill, dropping them well apart. Cover with not over an inch of earth, and firm this well with the hoe. If the young plants are attacked by the striped bugs or other insects, dust frequently with art-slaked that too much is not used at one time. When all danger from bugs is past, thin to three plants to the hill. Give frequent shallow cultivation as long as vines will permit. permit.

SUSTON PICKLING.

Superior to all others. Its fruit is short, pointed at each end, bright green, uniform in size, very productive and of superior quality. Pkt. 10 cts., v2 lb. 50 cts., lb. \$1.35.

UMBERIAND. A distinct variety of the White Spine type, Vine vigorous, very productive and continuous in bearing, much longer than most sorts. Fruit large, symmetrical, dark green, thickly set with small white spines; of best quality. Pkt. 10 cts., 02. 20 cts., 1/4 lb. 50 cts., 1b. \$1.55. CUMBERLAND.

DAVIS PERFECT. Fruit long, slim, symmetrical, rich dark green, holds color until nearly ripe. Ver attractive and of finest quality. One of the best for shipping. Vine especially vigorous and large. Pkt. 10 cts., oz. 20 cts., ½ h. 5.50 cts., hb. \$1.55.



Early Fortune

EARLY FORTUNE

The most uniform and best colored Cucumber of recent introduction.

The plant is early, very vigorous, with an exceptionally heavy, thick foliage and is almost disease resistant and very productive. Fruits are uniformly nine inches long, slightly tapering toward each end, perfectly round and of a very rich, dark green color which does not fade in shipping; flesh very thick, firm and crisp, and with an exceedingly small seed cavity. Pk. 10 cts., oz. 20 cts., ½ hb. 50 cts., lb. \$1.35.

ARLY CLUSTER. Early and productive. Fruit small, dark green, borne in pairs or clusters, largely near the root. Pkt. 10 cts., oz. 20 cts., 14, 15. 50 EARLY CLUSTER.

EARLY RUSSIAN. TRUSSIAN. The earliest and hardiest variety. Fruit 3 to 4 inches Vine vigorous and productive. Pkt. 10 cts., oz. 20 cts., ½ 1b. 50 cts., long. Vii



Improved White Spine

EMERALD. Fruit straight, symmetrical and entirely spineless. Color very dark green which it retains until ripe; of excellent quality, attractive and popular productive; season medium to late. Pkt. 10 ets., oz. 20 ets., ½, 15 of ets., b. \$1.35.

EARLY FRAME, or SHORT GREEN. Fruit

straight, smaller at the ends, bright green, a little later than the Early Cluster. Pkt. 10 cts., oz. 20 cts., ½4 lb. 50 cts., lb. \$1.35.

EXTRA LONG, or EVERGREEN WHITE SPINE A distinct and superior strain of this popular type. A distinct and superior strain of this popular type. Fruit long, cylindrical, dark green, crisp and tender. Vine productive and comes into bearing soon after the Early White Spine. Popular with market gardeners. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., lb.

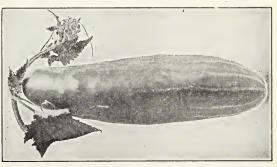
IMPROVED WHITE SPINE. Deservedly the most popular type. Fruit uniformly large, straight and attractive; dark green, lighter at blossom end with a few white spines; flesh tender and of fine flavor. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., lb. \$1.35.

JAPANESE CLIMBING. Vine very vigorous, with especially strong grasping tendril. Fruit of good size and quality. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., lb. \$1.35.

LONG GREEN. An old standard variety, very popular for home gardens but little used for market. Fruit very long, slender, very firm and crisp, uniformly dark green; makes fine pickles and is the best of all when ripe for making sweet pickles. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.35.

NICHOL'S MEDIUM GREEN. Fruit thicker than White Spine and full at both ends; light green, attractive and of fine quality. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.35.

ENGLISH FRAME CUCUMBER—TELEGRAPH NGLISH FRAME CUCUMBER—TELEGRAPH
The English forcing cucumbers are seldom grown outof-doors, but possess special merit for forcing in the
greenhouse. The plants grow thrifty and are exceedingly prolific. The fruits of this special strain
twenty-four inches in length and individual specimens have been grown which weighed over ten pounds.
The long green cylindric fruits contain only very few
seeds. English Frame can be highly recommended
to all who wish to grow cucumbers in the greenhouse.
Seed very costly and sold only in small packets. Pkt.
25 cts., 6 pkts. for \$1.00.



Davis Perfect



ROSS BROS. CO. WORCESTER, MASS.





Endive Batavian Broad Leaf

CULTIVATED, or FRENCH COMMON. A greatly improved strain of the common Dandelion. Pkt. 10 cts., ½ 202. 30 cts., 02. 50 cts., ½ 1b. \$1.75.

CORN SALAD, FETTICUS, or LAMB'S LETTUCE

A hardy, rapid-growing plant, often used in winter as a substitute for lettuce and is sometimes cooked and used like spinach. It does not thrive in hot weather and if sown in the spring it should be very early and on extremely rich soil. It will then he ready for use in four to six weeks. It, however, succeeds best when sown in August or September. If sown in the former, succeeds best when sown in August or September. If sown in the former, it should not not expreased of color set. If the first in the ground during winter, it should not not expreased of color set. If the first in the ground during winter, it should not not expreased of color set. If the first in the ground during winter, it should not not expreased of color set. If the first in the ground during winter, it should not not expreased to color set. If the set is the set of the set of

WHITLOOF, or FRENCH ENDIVE. Esteemed as a salad plant. Spring-sown seeds produce parsnp-like roots by November. Out the leaves off the place a 2 or 3 ft. layer of fresh manure which linds over crown, of blanched leaves folded like Cos Lettuce, which are eaten raw as salad. Pkt. 10 cts., oz. 30 cts. ¼ lb, 85 cts.

CHIVES

CHIVES. Are a small, hardy perennial plant resembling onion in appearance and grow in clusters. They are grown for the leaves, which are produced freely from early spring and give a mild onion flavor to sausages, salads and soups. They can be easily grown in pots at a sunny window during the winter. Pkt. 15 cts., ½ oz. 40 cts., 1 oz. 75 cts.

(One oz. for about 3,000 plants)
Collards are very largely used as "greens" in some parts of the country, specially in the South. They are a form of loose-headed cabbage. GEORGIA. The most satisfactory variety for general use. Pkt. 10 cts.,

DANDELION

An ounce will sow 200 feet of drill. Two pounds to the acre Sow early in the spring in rich soil in drills 15 to 18 inches apart, cover lightly but make the earth firm. Thin to 5 inches apart in row. Cultivate frequently through the summer. Plants ready for cutting the following

IMPROVED THICK-LEAVED, or CABBAGING. A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular upright tutt. Pkt. 10 cts., ½ oz. 35 cts., 1 oz. 60 cts., ½ lb. \$2.00.

An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making Dill pickles. Plant branching, two or three feet high; leaves very much cut into thread-like segments. Pkt. 10 cts., 02, 15 cts., 1/4, lb. 40 cts., lb. \$1.40.

1 oz. 25 cts.

ENDIVE

An ounce will sow 150 feet of drill, producing from 2000 to 2500 plants Endire, like lettuce, may be grown at any season, but is more generally used in the full. For transplanting, plants should stand 10 to 12 in apart in the row. When nearly full grown, tie outer leaves over center to blanch the heart, or blanch with boards as with celery. MOSS CURLED. Of dense growth and finely curled. Pkt. 10 cts., oz. 15 cts., 1/4 lb.

40 cts., lb. \$1.50.

LARGE GREEN CURLED. ARGE GREEN CURLED. Of larger growth, not so much curled as preceding. Pkt. 10 cts., oz. 15 cts., ½ 1b. 40 cts., lb. \$1.50.

BATAVIAN BROAD LEAVED (Escarole). A variety having broad, more or less twisted and waved bright green leaves with thick, nearly white mid-ribs. The inner leaves form a fairly solid, clustering head which blanches a beautiful deep creamy white and is crisp, tender, and of fine flavor. Unsurpassed for salads. Pkt. 10 cts., 0z. 15 cts., ½ lb. 40 cts., lb. \$1.50.

CRESS, CURLED OR PEPPER GRASS

A small pungent salad plant, much liked by some with lettuce. Like all salad plants it should be grown on rich ground. Seed may be sown early in the spring, but if desired through the summer repeated sowing will be necessary. Pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., 1/4 lb. 60 cts

WATER CRESS

VATER CRESS. Hardy plant which can be grown in a pond or along the banks of a running stream. Largely used as a garnish during the winter and early spring months. Pkt. 10 cts., ½ 0z. 35 cts., oz. 60 cts., ½ 1b. \$2.00.

EGG PLANT

An ounce will produce about 1000 plants

The Egg-plant, like all sub-tropical plants recurring for the permination of seed and vigorous growth of plant, a high temperature. The seed is slow in germinating, and should be sown about the first of April. When the young plants show two rough leaves, transplant 3 to 4 inches apart, and when settled warm weather comes, set in rich, warm soil, 2½ to 3 feet apart each way.

PLIACK PEKIN. An early variety, nearly round, large, smooth, black and glossy.

Plants prolific, leaves purplish black. Pkt. 10 cts., ½ oz. 30 cts., oz. 55 cts.

NEW YORK IMPROVED (Spineless). The favorite variety, Fruit of largest size, rich purple and finest quality. Plant large, spreading and very productive; foliage light green. Pkt. 10 cts., 4% oz. 35 cts., oz. 60 cts.

BLACK BEAUTY. A valuable variety, ready for use two weeks earlier than any other sort. The fruit is thick and of a rich purplish-black color. Pkt. 10 cts., ½ oz. 35 cts., oz. 60 cts.



New York Improved Egg Plant



EVERYBODY KNOWS

ROSS SEED GROWS



KOHL RABI

An ounce will sow about 200 feet of drill

An ounce will sow about 200 feet of drill.

The edible part is the turnip-shaped hulb formed above ground. It is tender and excellent when used before fully grown, combining somewhat the flavors of cabbage and turnip. Seed should be sown in light rich soil as early in spring as possible in rows one and one half feet apart and when well established thin to six inches spart in the row. Flantings at intervals of ten days will give a succession until hot weather, when they fail to grow well. Plantings may be made the latter part of July for fall use.

ARLY WHITE VIENNA (Extra for forcing). This variety is extremely early with distinctly small tops. The bulbs are of medium size, very light green or nearly white, and are of best quality for the table if used when about two inches in diameter. Pkt. 10 cts., ½ 20 cts., 0z. 25 cts., ½ 1b. 31.00. EARLY WHITE VIENNA (Extra for forcing).

EARLY PURPLE VIENNA. ARLY PURPLE VIENNA. Very early, with small top, the leaf stems being tinged with purple. Bulbs of medium size, purple; flesh white. Desirable for forcing and early outdoor planting. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ½ b. S.100.

Leeks require rich soil. Sow early in spring in deep drills, eighteen inches apart, but cover Leeks require rich soil. Sow early in spring in deep arilis, eighteen inches part, out cover with but one-half inch of soil, thin plants to about eight inches apart and as they grow gradually fill the drill and draw the earth around them as with celery. Or if very tender and white leeks are desired, sow in hed and transplant when plants are six inches high into trenches six or eight inches deep and as they grow, gradually fill the trench and later draw the earth around them so that it will be two or three inches above the level.

AMERICAN BROAD FLAG. MERICAN BROAD FLAG. A desirable strong growing, broad leaved leek, hardy and productive. It is a favorite with many market gardeners and is also extensively used for the home garden. Pkt. 10 cts. 1/2 oz. 20 cts., oz. 35 cts., 1/4 lb. \$1.00.

GIANT MUSSELBURGH. IANT MUSSELBURGH. A very hardy variety of extra-large size: the leaves are fan-shaped, of a dark green color, the edible stem is 6 to 8 inches long and 3 inches in diameter. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ½ lb. \$1.00.

Kale or Borecole An Ounce will produce 2000 Plants

For early use, sow in May and transplant in June, and treat generally as for cabbage.

DWARF GREEN CURLED SCOTCH. One of the best plants grown for greens. This is a finely curled, low-growing variety, the leaves of which when properly cooked make very palatable greens. The plant is very hardy, the leaves are long and of an attractive bright green color. This sort is also very often used for garnishing. Pkt. 10 cts., oz. 20 cts., /4 1b. 60 cts.



Leek

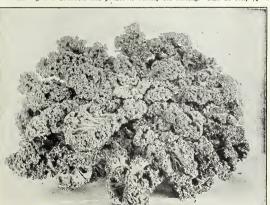
Lettuce An ounce will produce from 3000 to 4000 plants

Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure cripness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted as, while prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in the hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air may usually be set in the open ground very soon after the time suggested for sowing seed outdoors.

GENERAL CROP. HEADING AND LOOSE LEAVED VARIETIES

BELMONT FORCING. This is a plain-leaved variety. It forms a compact head and is, like the Tennisball, almost certain to head, making it a desirable and profitable variety for forcing. Pkt. 10 cts., ½ oz. 40 cts., oz. 75 cts., ½ lb. \$2.50.

BIG BOSTON. Ecsembles the White-seeded Tennisball, almost certain to head.



Kale, Dwarf Green Curled Scotch

BIG BOSTON.

Pessembles the White-seeded Tennisball, but is much larger. Though the head is larger, laving but few outer leaves, the wariety is used to some extrapolation of the south of

HACK-SEEDED SIMPSON. Much larger than the preceding, but not so much curled. Forms a large, loose cluster, of leaves rather than a head; leaves light yellowish green. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ½ green. Pl

BOSTON FINE CURLED. Beautifully curled, ex-

BOSTON FINE CURLED. Beantifully curled, excellent for parnishing. Pkt. 10 cts., ½ oz. 20 cts., 0z. 30 cts., 14 lb. 75 cts. Amidsummer veriety, surpassing all of this class in crispness, tenderness and fine flavor. Forms large solid heads, with leaves crimped and curled, those outside being variegated dark green and bronze, the inner portion blanching to a rich creamy yellow. Pkt. 10 cts., ½ 0z. 20 cts., 0z. 30 cts., ½ 1b. 75 cts.

DEACON. One of the most popular summer varieties, Large solid heads of excellent quality and fine flavor and which remain in condition for use for a long time. Plant very smooth, thick and light green, the inner portion blanching a beautiful cream-yellow. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ½ 1b. 75 cts.



ROSS BROS. CO. WORCESTER, MASS.





Black-Seeded Tennisball

Lettuce—Continued

DRUMHEAD, or MALTA. Sometimes called "Chiness' lettuee. A very 'arge, tight-heading variety, Leaves are rather coarse, but very brittle and tender Is dark green and slightly curied. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ½ 1b. 75 cts.

EARLY CURLED SIMPSON. (White-seeded.) An EARLY CURLIED SIMIF SOAN, (WHITE-SECRED, A) and variety, with broad, often frilled, very curly light green leaves; sweet, tender, of fine flavor. Pkt. 10 cts., ½ oz. 20 cts., 02. 30 cts., ½ 10, 75 cts.

EARLY CURLED SILESIA. An old, standard to the control of t

variety, very popular for home gardens. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ½ lb. 75 cts.

GRAND RAPIDS. Without doubt this is one of the Without doubt this is one of the easiest varieties of lettuce to grow. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled which have an excellent flavor. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ½ by 75 cts. 1b. 75 cts.

IANSON. An old variety of great merit. Forms a large, flat, cabbage-like head, very slow to run to seed. The outer leaves are bright green, with veins of lighter shade, inner leaves white, usually curved and twisted at the base. A very attractive variety of the control of the HANSON.

The unusual solidity of the heads is in-CEDEMG. The unusual solidity of the heads is insured by the large white main ribs of the leaves, each of which, curving strongly into the center, acts like a truss, making it impossible for the leaves to open cutward and expose the center, which is consequently thoroughly blanched. The leaves are always crisp and tender. Pkt. 10 cts., ½ 20.2 cts., 02. 30 cts., ¼ 10.75 cts.

MAY KING. A new, very hardy variety of foreign origin, which owing to its hardiness, earliness and large size for a variety of this class, is coming rapidly into favor here, both for outdoor planting and for foreign. Forms compact heads, nearly finet quite, as early as White seeded Tennisball. Pkt. 10 cts., ½ 0z. 20 cts., 0z. 30 cts., ½ 1b. 15 cts. MAY KING.

W YORK MARKET. One of the largest varieties in cultivation. The heads are very solid with but little tendency to run to seed. It blanches itself naturally, is crisp, tender, and of excellent flavor, and always free from bitterness. Pkt. 10 cts., ½ 0z. 20 cts., IZE HEAD. NEW YORK MARKET.

PRIZE HEAD. A large, loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor, but not equal to Crisp as Ice. Pkt. 10 cts., ½ 0z. 20 cts., oz. 30 cts., SALAMANDER.

ALAMANDER. A large compact head of good quality. Leaves light green, broad, thick, somewhat crumpled, closely overlapping so that inside they blanch to a creamy white. Wilnstands heat remarkably. One of the best varieties for midsummer. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ½ 10. 75 cts.

WHITE-SEEDED TENNISBALL, or BOSTON MARKET.

An old and popular variety for forcing; heads small and compact. Not suitable for outdoor planting. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{2}$ 1b. 75 cts.

ROMAINE OR COS VARIETIES

These are distinct from the ordinary lettuce, and much liked on account of their tender, crisp leaves and delicious flavor. The leaves are long and narrow and need to be tied up when they soon form solid heads and bleach snow

EXPRESS COS. A fine dwarf early sort requiring no tying up. Pkt. 10 cts., ½ oz. 15 cts., 1 oz. 25 cts., ¼ lb.

PARIS WHITE COS. One of the finest varieties for summer use. Pkt. 10 cts., ½ oz. 15 cts., 1 oz. 25 cts., 60 cts

TRIANON COS.

matures earlier. Similar to above but grows whiter and Pkt. 10 cts., ½ oz. 15 cts., 1 oz. 25 cts., 1/4 lb. 60 cts

MUSTARD

Used mainly for salads but is sometimes boiled for greens. Sow as early as ground can be worked in drills eighteen inches apart and one-half inch deep. If desired throughout the season, successive sowings should be made every three weeks WHITE, or YELLOW. The common variety. The seeds

are often used to flavor pickles. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 50 cts. SOUTHERN GIANT CURLED.

Large light green

leaves, much crumpled at the edge. The best for salads. Pkt. 5 cts., oz. 20 cts., ½ lb. 50 cts.

If larger quantities, other than listed are wanted, write for prices.





EVERYBODY KNOWS ROSS' SEED GROWS



Muskmelon

An ounce will plant about 50 hills. $1\frac{1}{2}$ to 2 pounds are required for an acre.

The Muskmelon succeeds best in warm, rich soil. Plant when all danger of frost is past, in broad hills 4 to 5 feet apart, 10 or more seeds to each hill. Cover with one inch of soil and firm well with the hoe. If young plants are attacked by insects, dust them with air-slacked lime or ashes mixed with twice as much road dust. Use this frequently but sparingly, as a large quantity at one time is liable to injure the plants. When all danger from insects is past, thin to three plants to the hill.

ADMIRAL TOGO.

DMIRAL TOGO. A new variety, similar in appearance to the Rocky Ford, having the same dense netting and of the same shape and size, but with orange flesh. The flesh is unusually thick and rich flavor, and the variety combines to a remarkable degree superior quality with the desired firmness for shipping. Pkt. 10 cts., oz. 20 cts., 4, 10. 60 cts.

BURREL'S GEM. The melons are six to seven inches UMKEL'S GEEN. The melons are six to seven inches long by four and a half to five inches in diameter, rather sharply sloping at the ends. They are quite well ribbed and covered with a fine grayish netting. The skin is a rich dark green, contrasting finely with the deep orangesamon-colored flesh; sweet and tender. The fish is thick and firm. Tipening close to the skin leaving only a thin rind. Pkt. 10 cts., oz. 20 cts., ¼ 1b. 60 cts.

EMERALD GEM. Small to medium size; skin deep green, generally smooth, flesh thick, rich salmon, not surpassed in richness and flavor. But few varieties are so nearly certain to produce uniformly good melons. Pkt. 10 cts., oz. 20 cts., ½ 1b. 60 cts.



Rocky Ford

EXTRA-EARLY HACKENSACK. Above medium size, nearly round; flesh green, a little coarse but juicy, sweet and of good flavor. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts.

HONEY DEW. The average size of the melon is six inches in diameter and seven to eight inches in length. The flesh is an emerald green, very thick, melting, and fine grained; can be eaten to the extreme rind. The seed cavity is very small, the rind impervious to water. The melon does not shrink in weight, is not easily bruised, and is a splendid shipper. It is later than Rocky Ford strains and is very prolific. Pats. 10 cts., oz. 25 cts., ½ lb. 75 cts., 1 lb. \$2.50.

IMPROVED GREEN NUTMEG. Large, round flattened at both ends. Ribbed and covered with coarse netting, flesh thick, and of fine flavor. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts.

MONTEFAL NUTMEG. The fruits are of the largest size, often attaining a weight of 15 pounds. Shape nearly round, flattened at the ends. The flesh is about two inches thick, light green, and of a delicious flavor. This variety commands high prices in the Eastern markets during the Fall months. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts.

OSAGE, or IMPROVED MILLER'S CREAM. Of medium size, oval, dark green, shallow netting; flesh deep salmon, thick, very firm, sweet and of rich flavor. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts.

PAUL ROSE, or PETOSKY. The product of crossing the Osage and the Netted Gem. Ress flesh is rich orange. Very sweet and high flavored. Pkt. 10 cts., oz. 20 cts., ½ 1b. 60 cts. Resembles the latter, but is a little larger, and

ROCKY FORD. More largely grown than any other of the small or basket melons. Oval, slightly ribbed, densely covered with fine netting; flesh green; thick and of rich flavor. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts. SURPRISE. Of medium size, oval, lightly ribbed, netted in patches; skin yellowish white; flesh, deep salmon, of good quality; vine hardy, productive and bears early. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts.

WATERMELON

An ounce will plant about 30 hills 4 pounds to the acre

The culture of the Watermelon is mainly the same as recommended for the Muskmelon, hills should, however, be about 10 feet apart.

COLE'S EARLY. Small but very early; of fine quality and sure to mature in any latitude where melons can be grown. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 1/4 lb. 50 cts. HARRIS' EARLIEST.

RRIS' EARLIEST. A new extra-early variety, large and of exceptionally fine quality. Slightly oval, mottled in stripes of light and dark green. Flesh bright red. One of the most desirable for planting in the North. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., ¼ 1b. 50 cts. PHINNEY'S EARLY. A standard early variety of medium size, oval marbled light and dark green; flesh pink, sweet and crisp. Pkt. 5 cts., 0z. 15 cts., 2 ozs. 25 cts., ½ 1b. 50 cts.

PEERLESS, or ICE CREAM. Of medium size, oval, dark green; flesh scarlet, very sweet. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 1/4 1b. 50 cts.

MOUNTAIN SWEET. An old favorite, early productive and of good quality. Fruit long, dark green; flesh scarlet. Pkt. 5 cts., oz. 15 cts. 2 ozs. 25 cts., 1/4 lb. 50 cts.

SWEETHEART. Large, oval, very heavy; rind thin but firm mottled light and very light green; flesh bright red, tender, melting and sweet. Retains its good qualities for a long time after ripening. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 1/4 lb. 50 cts.

KLECKLEY'S SWEET, or MONTE CRISTO. One of the sweetest, above medium size; dark green; rind thin; flesh bright red. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 1/4 lb. 50 cts.

HALBERT HONEY. A variety which rivals the Kleckley's Sweet in quality, while the vine is more productive. Fruit of medium size, blunt at both ends, deep glossy green; rind very thin; flesh crimson, entirely free from fiber, rich, sweet and melting. Unsurpassed for home use. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 42 lb. 50 cts.

TOM WATSON. Produces melons 18 to 24 inches long by 10 or 12 inches in diameter and weighing from 50 to 60 pounds; the dark green rind is tough but thin and easily withstands shipment. The deep red desh extends to within three-quarters of an inch of the first last crisp, melting and of the first flavor. Pkt. 5 cts., oz 15 cts., 2 ozs. 25 cts., ½ 1b. 50 cts.

CITRON. For preserving only. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 1/4 lb. 50 cts.

ROSS BROS. CO. WORCESTER, MASS.





Yellow Onion Sets

MUSHROOMS

Cultural directions, to be of any value, would be too lengthy to give here, but we offer the very helpful little book "Mushroom Culture and Pure Culture Spawn," which not only gives the latest methods of culture of Mushrooms but also how best to prepare them for market, and several recipes for cooking them. 25 cts., post-

LAMBERT'S PURE CULTURE SPAWN. This will produce Mushrooms of a specific variety, selected rooms of a specific variety, selected with reference to size, color and yield, and eliminates absolutely any danger of poisonous specimens. Standard bricks, weighing from 1½ to 1½ pounds of the variety most largely cultivated, 30 cts. each. Postpaid, 40 cts. each, 4 bricks, by express, \$1.00.



Mushrooms

OKRA OR GUMBO

The young seed pods are used in soups or stewed and served like asparagus. Much esteemed in the South. In the North requires an especially warm location and probably best results would be obtained by sowing seed in the hotbed. Set plants in rows two feet or more apart and about a foot apart in the row. The seeds are a

or more apart and about a foot apart in the row. The seeds are a long time in germinating.

DWARF GREEN. Early and productive; best for northern cultivation. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts.

PERKIN'S MAMMOTH LONG POD. A dwarf but enormously productive variety. Pods long, slender deep green and remain tender much longer than most sorts. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts.

ONION SETS

We do not deliver Onion Sets free; purchaser pays transporta-tion. Onion Sets weigh 1 lb. per quart. For Parcel Post Zone rates see page one.

Onion Sets require rich soil and, with the exception of the Egyp-tian, early planting. Rows should be the same distance apart as suggested for onions grown from seed, and sets should be planted from 2 to 4 inches apart, and only lightly covered with earth, the top of set just below the surface with any growth it may have made above. Culture same as of onions from seed.

WHITE GLOBE. Lb. 30 cts., 4 lbs. \$1.00, 8 lbs. \$1.75. YELLOW GLOBE. Lb. 30 cts., 4 lbs. \$1.00, 8 lbs.

\$1.75

EGYPTIAN, or PERENNIAL. (Ready in September.) Lb. 30 cts., 4 lbs. \$1.00, 8 lbs. \$1.75.

Onion

An ounce will sow about 100 feet of drill, 4 to 5 pounds to the acre

The Onion usually thrives best on old, rich land, but can be profitably grown only on such as has been kept free from weeds. If stable manure is used it should be either well rotted or plowed into the soil the previous fall. As manure always contains more order to the previous fall. As manure always contains more order to the previous fall. As manure always contains more order fertilizer. The soil should be worked until manure or fertilizer is thoroughly mixed with it and the surface made fine and even by raking. Sow as early as ground can be prepared, in rows 12 to 14 inches apart, one-half inch deep and make soil firm. Keep free from weeds, especially at it is almost useless to continue cultivation—the land would better be plowed and replanted with some other crop.

ILSA CRAIG. Of mammoth size, larger than the Prize-taker, oval-shaped, pale straw-colored skin; of very mild flavor. One of the best for exhibition on account of its enormous size. In England the most popular large onion. Bulbs have been grown that weighed 2½ pounds. Extra large onions can, however, be obtained only by sowing seed early in the spring in the hotbed and transplanting to the open ground when plants are of sufficient size. Seed from English Prize whenling scock. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ½ b. \$1.25. AILSA CRAIG.

SOUTHPORT YELLOW GLOBE. Bulbs nearly spherical, slightly elongated; does not mature quite so early as our Selected strain of Yellow Globe Danvers; a little more inclined to grow stiff-necked on some soils or in unfavorable seasons, but when well-grown brings the highest price, especially in New York markets. Pkt. 10 cts., V_2 oz. 20 cts., oz. 30 cts., V_4 lb. 75 cts.

SOUTHPORT RED GLOBE. Identical in form with the preceding; rich deep red, above medium size; an excellent keeper and one of the most attractive of all. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ 1b. 75 cts.

SOUTHPORT WHITE GLOBE. Of true globe shape. Later than White Portugal; keeps better and like all globular varieties a greater weight can be obtained on the same area. Pkt. 10 cts., ½ oz., 20 cts., oz. 30 cts., 1/4 lb. 75 cts.



38



EVERYBODY KNOWS

ROSS' SEED GROWS



Onion—Continued

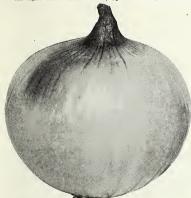
VELLOW GLOBE DANVERS. This is an old favorite—the standard variety for winter use in the eastern markets. It produces well-ripened bulbs, averaging two inches in diameter and nearly globe shaped. The skin is a light golden brown or pale yellow, and the flesh is pure white, crisp, and mild in flavor. The plants have very slender necks, and consequently the bulbs keep well over winter. They ripen up uniformly, which characteristic recommends the variety to market grovers. Although not quite so truly globe shaped as the Southport Yellow Globe Onion, they are somewhat earlier. On account of their attractive shape and color and their excellent keeping qualities they always bring a good price in the markets. Pkt. 10 cts., ½ 0z. 20 cts., 0z. 30 cts., ¼ 1b. 75 cts.

YELLOW GLOBE DANVERS. Extra Selected. Eastern grown seed. A superior stain grown from carefully selected bulbs; of perfect form, unusually small neck, skin of rich, deep color; firm and heavy, and unsurpassed for shipping or storing. Pkt. 10 cts., ½ 0z. 20 cts., 0z. 40 cts., ½ 1b. 75 cts.

WHITE PORTUGAL, or SILVERSKIN. An early white, flat variety, of medium size and mild flavor. Pkt. 10 cts., ½ 0z. 20 cts., 0z. 30 cts., ¼ 1b. 75 cts.

EXTRA EARLY RED FLAT. The earliest red variety; of medium size. Pkt. 10 cts., ½ 0z. 20 cts., 0z. 40 cts., 0z

LARGE RED WETHERSFIELD. The standard red variety, or medium size. FRt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 75 cts. for light soils. Ptt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 75 cts.



Yellow Globe Danvers

PARSNIP

PARSINIP

One ounce will sow 150 test of drill, 6 pounds are required for an acre

CULTURE.—The Parsnip thrives on any soil which is deep, mellow and moderately rich, but best on that which is rather light or sandy. Avoid the use of fresh manure, as, when used, roots are more inclined to be ocarse, spongy and ill shaped. Seed germinates slowly, should be sown fairly early and immediately after ground is prepared—that is, before the soil has become dry. Sow in rows 18 inches apart, cover with one half back of hoe. Thin plants to three inches apart of each variety we offer a choice selected strain, Each, pkt. 10 cts., oz. 20 cts., ¼ 1b. 50 cts.

ARLINGTON LONG SMOOTH. Roots very long and smooth, with full crown; desirable for deep soils

and smooth, with full crown; desirable for deep soils and, owing to the full crown, is less liable to rot if left in the ground through the winter than the Hollow

HOLLOW CROWN. Roots of medium length, thicker at the top or shoulder than the preceding; succeeds better on shallow or stiff soil; crown slightly depressed; does not, on this account, keep so well in the ground through the winter as the Arlington Long Smooth, but is more easily harvested and more extensively grown.

PEANUTS

PANISH for a long time has been the best variety.
An early, heavy beaver, bushese rowing close, so very
easily cultivated. Grains or nuts are smaller, but
much sweeter and finer flavored than the larger sorts.
Best recleaned seed stock. Pkt. 10 cts., lb. 40 cts.,
postpaid. By express, 10 lbs. or more 35 cts. per la SPANISH

PRIZETAKER. RIZETAKER. Of the largest size, form nearly globular; skin thin, light straw-color. Quite certain to bottom, but is later in maturing than any of the preced-ing, and though fine bulbs are often obtained from seed sown in the open ground in favorable locations, the largest and finest bulbs are grown from seed sown in a hotbed and the plants set in the open ground when about six inches high. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ 1b. 75 cts.

Parslev

One ounce will sow 100 feet of drill

CULTURE.—Parsley thrives in rich, mellow soil and, owing to the very slow germination of seed, succeeds best when seed is sown as early in the spring as ground can be worked. Sow in drills, one-half inch deep, 14 to 16 inches apart, and when well up, thin plants to 8 inches. It may be cut when 3 or 4 inches high, and if soil is of the required richness, will afford several cuttings during the season. The Moss Curled is perhaps slightly more curled, while the Double Curled is claimed by some to be the more productive of leaves and to better withstand

dry weather. CHAMPION MOSS CURLED. This is a prize winning English variety, distinct. It makes remarkably handsome, compact plants and its leaves have the appearance of finely curled moss. The plant is quite hardy and very slow to run to seed. Pkt. 10 cts., oz. 25 cts., 2 ozs. 40 cts., ½ lb. 75 cts.

DOUBLE CURLED. Plants compact, very curly and finely cut; bright green color. Pkt. 10 cts., oz. 25 cts., 2 ozs. 40 cts., ½ 1b. 75 cts.

PLAIN LEAF. The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves as well as its hardness of plant. The curled sorts are more extensively used for garnishing. Fkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., 4/k 10. 85 cts.



Hollow Crown Parsnip

ROSS BROS. CO. WORCESTER, MASS.





GARDEN PEAS

Of the early smooth varieties, 2 pounds will plant 150 feet of drill. Of the wrinkled sorts, 2 pounds will plant about 100 feet, 70 to 85 pounds an acre. Peas of the extra early, smooth class are the very first thing to be planted in the garden in the spring. The wrinkled sorts follow a little later, as they are not quite so hardy. The tail, late varieties need brush, wire or some other support. Blough light, warm soil is desirable for the extra early atley heavy. By making the propers selection of varieties and planter frequently for succession one may have a full supply of the choicest green peas during the entire season.

frequently for succession one may have a full supply of the choicest green peas during the entire season.

Plant the early and dwarf varieties in drills 2½ feet apart and 3 or 4 inches deep, but cover with but one inch of soil and fill trench gradually as plants grow. Plant the taller and later varieties in rows 3 to 4 feet apart and 5 to 6 inches deep covering as already suggested. The tall, late varieties may be planted in double rows, thus using the supports which may be set between for both rows.

PEAS BY PARCEL POST. The prices given here are for Peas at our counter or by express or freight, at customer's expense. If these are wanted in quantities over 1 pound by Parcel Post remit extra for postage at zone rates. See page one.

EXTRA EARLY DWARF VARIETIES

SUTTON'S EXCELSIOR. The best of the dwarf varieties. The vine is of more vigorous growth than the Noti's Excelsior, a little tailer, fully as productive and matures its crop nearly as early, while both pods and peas are decidedly larger. In quality, equal to any of the dwarf varieties, all of which compare favorably with the larger and later sorts. Pkt. cts., 1b. 35 cts., 2 lbs. 60 cts., 10 lbs. or over 28 cts. per lb.

OTT'S EXCELSIOR. This is one of the standard high-grade Early Peas that have established themselves with gardeners so firmly that many will take no other variety for its season. Its quality is fine, and for a wrinkled Pea, it is hardy and thoroughly reliable. It does not require staking and the pods ripen evenly, making it extremely valuable for home and market use. Pkt. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or over NOTT'S EXCELSIOR. 28 cts. per 1b.

EXTRA EARLY BLUE BANTAM. The best first early dwarf wrinkled pea. It is unequaled for combination of extreme earliness, superb quality and unusual productiveness. The dwarf vigorous vines average fifteen inches in height and carry really enormous crops of large, deep bluishgreen pods. The pods measure four to four and one-half inches long and

Extra-Early Blue Bantam

are tightly packed with eight to ten large, deep bluish-green peas. peas are not only large in size, but of most luscious flavor. Pkt. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or over 28 cts. per lb.

LAXTONIAN. A grand early dwarf Pea. The pods of Laxtonian are AXTONIAN. A grand early dwarf Pea. The pods of Laxionian are very large, and are produced on a low-growing, sturdy vine, without support of any kind. Unlike many of its class, Laxionian fills to the full its ample pods with large lucious Peas. The flavor is just as rich and good example pods with large lucious Peas. The flavor is just as rich and good every garden. It is ready for use just about a week later than the very early sorts, and is incomparably good in quality. It is admirable for private gardens, where its abundant crop, produced so early in the season, is extremely welcome. The plant is only 1½ feet high, branching in habit. Pods and plant are rich, dark green in color, revealing a constitutional strength which enables it to resist the extreme condition to extra the plant is the control of the product of the plant is to resist the extreme condition to control of the plant is described by the plant of the plant is to resist the extreme condition to control of the plant of the plant is the plant of the plan

LITTLE MARVEL. The Little Marvel Pea in size and shape all podded is very similar to the Nott's Excelsion but far more prolific. It is of exceptionally fine quality and enormously productive. The pods of this pen are about 3 to 4 inches long. It should be planted in every garden. Pkt. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or over 28 cts. per lb. It is of excep-

EXTRA EARLY VARIETIES OF TALLER GROWTH

LASKA. Very early, smooth, blue pea. Popular with canners and market gardeners for a first early sort. Height 2½ feet. Foliage and pods light green; pods 2½ in. long, round, straight and source ended, containing 6 light green peas. Very uniform in maturity. Pkt. 20 cts., 1 lb. 50 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb.

A remarkable variety, combining earliness with peas of largest size and best quality. Matures soon after Nott's Excelsior. Vine resembles the Telephone, but is only 3 to 3½ feet high on rich land; productive. Pools 4 inches long straight, slightly curved at end, light green, well filled. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts, per 1b

ARKET SURPRISE. This is a smooth seeded sort and like all of this class may be planted very early. It is the earliest maturing variety to date, vines growing to a height of about 30 inches, bearing abundantly pods 3 to 3% inches long, well filled with peas of the finest quality, Every garden large or small should give this new sort a trial Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb. MARKET SURPRISE.



Thomas Laxton

If larger quantities, other than listed are wanted, write for prices.



EVERYBODY KNOWS





PEAS - Continued

PREMIUM GEM. One of the most popular peas of this class in America. Hardy, prolific, and uniform in habit of growth and productiveness, bearing pods single on both sides of the stalk, beginning near the ground. Peas of fine flavor and about a week later than Noti's Excelsior. Pods 2½ inches long, nearly straight, round, well filled to the end. Seed green, wrinkled. Height of the vine 25 cts. per 18t. 20 cts., 10. 30 cts., 2 lbs. 55 cts., 10 lbs. or over THOMAS LAXTON. Vine of about the same height as the Gradus, of similar babits, but much darker, hardier and more productive. PREMIUM GEM.

of similar habits but much darker, hardier and more productive. More attractive and better filled with peas as large and equal in quality. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over

quality. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb. 'S RECORD.A large, early, wrinkled pea with pods 3½ to 4 inches long. The pods are well filled with peas of excellent quality. The vines are vigorous, growing about 36 to 40 inches high. Peas are ready to pick 4 or 5 days before Gradus. A variety which should be in every garden. Pkt. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or over 28 cts. per lb.

SECOND-EARLY MEDIUM AND LATE VARIETIES

ADVANCER. An old popular second-early sort. Vine about 2½ feet high, vigorous and productive. Pods of medium size, broad, well filled. Peas rather under medium size, broad, well filled. Peas rather under medium size, but of finest quality. Pkt. 20 cts., 1 lb. 35 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb. ADMIRAL DEWEY. A productive variety growing 4 to 6 feet A productive variety growing 4 to 6 feet

ADMIRAL DEWEY. A productive variety growing 4 to 6 feet high, pods dark green, larger than those of any other variety and well filled with large peas of unsurpassed quality. Pkt. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or over 28 cts. per lb. ALDERMAN. This mid-season pea is tall growing, of English origin, and a few days later than the "Improved Telephone." The exceedingly vigorous and immensely prolific; of the best quality. Pkt. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or over 28 cts. per lb. BLACK-EYED MARROWFAT. An old variety. Peas large, but like all smooth peas much inferior in quality to the wrinkled sorts. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb. CHAMPION OF ENGLAND. Vine 4½ to 5 ft. high, productive. Pods 2¾ to 3 inches long, broad, well filled. Peas of medium size, unch shriveled, of unsurpassed quality. Pkt. 20 cts., 10 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb. DWARF CHAMPION. A variety, claimed to be equal in quality to Champion of England. Both peas and pod are considerably larger and vine is only about 2 feet high. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over 25 cts. per lb. EVERBEARING. An excellent variety of branching habit, Pods

IN SO CES. 10 IDS. OF Over 25 CES. PET ID.

An excellent variety of branching habit. Pods about 3 inches long and well filled. Sweet and of fine flavor. Height 3 feet. Pkt. 20 CES., 1 lb. 30 cts., 2 lbs. 55 cts., 10 lbs. or over

per 1b. 25 cts. per lb. IMPROVED STRATAGEM. Vine 24 to 28 inches of vigorous habit, with good culture, productive. Pods, 3% to 4 inches, broadtendency to sport has in a great measure been overcome in the improved strain which we offer. Pkt. 20 cts., 1 lb. 30 cts., 2 lbs.
55 cts., 10 lbs. or over 25 cts. per lb.

Improved Telephone

TELEPHONE. Extensively grown. Vine 3½ to 4 feet. On good soil productive. Pods large. Peas above medium size, of best quality. Pkt. 20 cts., 1 lb. 35 cts., 2 lbs. 60 cts., 10 lbs. or over 28 cts. per lb.

YORKSHIRE HERO. Vine 26 to 30 inches, stout and branching, hardy and productive. Pods 3 to 3¼ inches long, broad, well-filled, with peas of largest size, mealy, and of the richest flavor. Pkt. 20 cts., 1 lb. 30 cts., 2 lb. 55 cts., 10 lbs. or over 25 cts. per lb.

PEPPERS

An ounce will produce from 1500 to 2000 plants

Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in a row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

BELLI, or BULL NOSE. Large bell-shaped, thick-fleshed and less pungent than some other sorts. Good for filling. Pkt. 10 cts., 1/2 oz.

30 cts., oz. 50 cts., ½ lb. \$1.75.

CHINESE GIANT. Mammoth fruits measuring 12 to 15 inches in circumference, also early and prolific. The flesh is thick, tender, mild and sweet. Unexcelled for use as salads. Pkt. 10 cts., ½ oz. 40 cts., oz. 75 cts.

and sweet. Undercrited for use as sames. Fat. 10 cts., 72 v2 we can, 0s. 17 ves., 18 ves., 18

ages neavier than any other was price to vigorous, larger than the Chinese Giant, and more productive. Pkt. 10 cts., 1/2 oz. ou cts., 02. ou cts., 03. ou cts., 04. ou cts., 05. LONG RED CAYENNE. Fruit very slim, pointed, about 4 inches long, and when ripe, bright red. Extremely pungent. Pkt. 10 cts., LONG REID CATEGORY. Fruit very sum, pointed, soons 7 minos long, or 50 cts.

Your 30 cts, 0z, 50 cts.

NEAPOLITAN. A great market variety on account of its earliness and productiveness. Grows about 3½ inch long and is remarkably sweet. Pkt. 10 cts., ½ 0z, 30 cts., 0z. 50 cts.

RED CHILI. Used for making pepper-sauce. Pods bright red, slender, about 2 inches long and very pungent. Requires a long season; seed should be sown early in hotbed. Pkt. 10 cts., ½ 0z. 30 cts., 0z. 50 cts.

UBY GIANT. A hybrid of Ruby King and Chinese Giant. It combines the large size of the Chinese Giant and the productiveness, shape and color of the Ruby King. The flesh is thick, mild and sweet. Fruit often 5 inches long. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts.,

1/4 lb. \$1.75. RUBY KING. six inches long, symmetrical, very mild and sweet. Pkt. 10 cts., 1/2 oz. 30 cts., oz. 50 cts.

SQUASH, or TOMATO SHAPED. Fruit flat or tomato-shaped, and somewhat ribbed, flesh thick and slightly more pungent than other large sorts, early and sure to mature. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts. SWEET MOUNTAIN. Fruit very large, often 8 inches long by 2 in diameter. Flesh thick, sweet and mild. Pkt. 10 cts., 1/2 oz. 30

cts., oz. 50 cts. WORLD BEATER. New. Large, smooth, beautiful Peppers. Mild flavor, very early to ripen. Very prolific. Pkt. 10 cts., ½ oz. 30

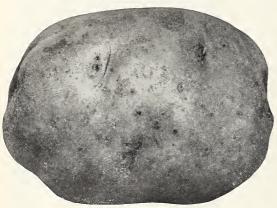


ROSS BROS, CO. WORCESTER, MASS



Prices of Seed Potatoes are subject to market fluctuations and change without notice.

Quantities under 25 lbs. 10 cts. per lb., 50 lbs. at the 100 lb. rate. This applies to both advance and decline,



Early Fairmount

BURPEE'S EXTRA EARLY. Of the finest quality and good size. Tuber, oblong, white or very pale brownish skin; few and shallow eyes. 25 lbs. \$1.35, 100 lbs. \$4.50, 1,000 lbs. or more shallow eyes. 25 lbs. \$4.25 per 100 lbs. EARLY SIX WEEKS.

EARLY SIX WEEKS. An extra early variety, of good quality, cooking well as soon as it attains marketable size. In size, medium to large; color, light red or rose; form, round oblong, resembling the Ohio, and having the speek peculiar to the Ohio type. Keeps well. A good yielder. 25 bls. \$1.55, 100 lbs. \$4.50, 1,000 lbs. or SELYLY KEE.

EXELY LEEK.

1. The standard early variety; color red; medium crow large but a good seller in any market. 25 lbs. \$1.35, 100 lbs. \$4.50, 1,000 lbs. or more \$4.25 per 100 lbs.

SPAULDING: (ROSE) NUMBER FOUR. The potato is medium cartle and wrectically free from blight and rot, It yields well in An extra early variety, of good quality,

early, and practically free from blight and rot. It yields well in all climates and is in one section of Florida being planted almost exclusively. In color it resembles the Early Rose, perhaps a trifle lighter. In shape it is somewhat similar, but inclines to the oblong and is thicker. It is an attractive variety and of good quality 25 lbs. \$1.25, 100 lbs. \$4.25, 1,000 lbs. or more \$4.00per 100 lbs.

NORCROSS. A white-skinned variety which through the result of crossing two early varieties—Early Rose the result of crossing two early varieties—Larly Rose and Beauty of Hebron—matures at about the same time as the Green Mountain and is a worthy rival of that popular variety in productiveness. 25 lbs. \$1.25, 100 lbs. \$4.25, 1,000 lbs. or more \$4.00 per 100 lbs.

GOLD COIN. Productive and of unsurpassed qual-Very uniform in size, never over large, but few itv ity. Very uniform in size, never over large, but few small tubers. Form oblong, rather broad and thick. Skin almost white with just enough of a light golden tinge to make it distinct from the white-skinned varieties, and having that rich russet appearance generally considered an indication of good quality, which is the state of the control of the co

of the best quality; large, almost no small tubers. Claimed by the introducer to outyield any potato of its class. Vines large and vigorous, not troubled by bugs or blight as much as those of other sorts. 25 lbs. \$1.25, 100 lbs. \$4.25, 1,000 lbs. or more \$4.50 per by the contract of th

GREEN MOUNTAIN. A white skinned variety of flat, oval form, smooth and attractive. Ripens slowly and is a good keeper. Quality excellent when well grown. This variety has been growing in popularity and is now the leader of all varieties for general crop. 25 lbs. \$1.25, 100 lbs. \$4.25, 1,000 lbs. or more \$4.00 per 100 lbs.

Seed Potatoes

Eight to ten bushels will plant one acre. One peck will plant 75 hills.

The seed stock which we offer is grown for us by the most reliable growers in Arostook County, Me., where all good seed stock comes from. The stock is all carefully selected, free from rot and scab, and carefully packed in burlap bags holding 100 lbs. and the price we quote includes

Sacks.

Potatoes will be shipped as soon in the Spring as the weather will permit of their being sent in ordinary ears without danger of freezing. Full carloads can be shipped at any time in heater cars.

There is no one thing that we will sell in the line of

seeds that is more important to change each season than seed potatoes. As it is impossible to grow just the right quantity of each variety to supply the demand, we urgently request our customers to give us a first and possibly a sec-ond choice in case we should be out of varieties ordered, for after the season is well advanced it often happens we are sold out of a great many varieties.

EARLY FAIRMOUNT

An Improved Irish Cobbler.

It is an early variety which in shape, color, size and time of ripening is very much like the Irish Gobbler; but the Early Fairmount has outyielded the Cobbler in every case the Early Fairmount has outyielded the Cobbler in every case where we have made an inquiry. One market gradener has said of the Early Fairmount: "The extra yield of potatoes would pay for my seed and fertilizer." This is certainly in favor of the new potato. It is generally known that many of the large Cobbler Details where a cavity in the center, but in the Fairmount of the best of the control of the contro

are more shallow which means less waste in cooking, 25 lbs. \$1.35, 100 lbs. \$4.50, 1,000 lbs. or more \$4.25 per 100 lbs.

IRISH COBBLER

An early, white-skinned variety, very short, thick, inclining to round. This is yearly increasing in populiarity for the early market, But few varieties, if any, combine earliness, size and production in as great a degree. The crop is ready for market about ten days as great a degree. The crop is ready for market about ten days earlier than the Early Rose; tubers are uniformly larger and in average production of large crops it is not equalled by any of the extra early varieties nor greatly surpassed in yield by any of the main crop varieties. The vine is very stocky and vigorous, not as liable to be affected with blight or to suffer by drought as most others. No other of the early varieties is as dependable as this, and is so certain \$4.00 per 100 lbs.

NEW QUEEN. Similar to the Beauty of Hebron but considered by many as being a better cooker. Next to Cobbler, this is the best early kind for general crop. 25 lbs. \$1,35, 100 lbs, \$4.50, to produce a crop. 25 lbs. \$1.25, 100 lbs. \$4.25, 1,000 lbs. or more 1,000 lbs, or more \$4,25 per 100 lbs,



New Queen



EVERYBODY KNOWS ROSS' SEED GROW



SEED POTATOES - Continued

ROYAL RUSSET. This is a handsome white variety; the tubers are oval shaped, with a light russet skin, very even in outline and with shallow eyes. The blossom shows a distinct purple tinge. 25 lbs. \$1.25. 100 lbs. \$4.25. 1.000 lbs. or more \$4.00 per 100 lbs.

ELAWARE. (Late.) Vines are strong and vigorous; tubers are large, smooth, white and excellent quality, 25 lbs. \$1.25, 100 lbs. \$4.25, 1,000 lbs. or more \$4.00 ner 100 lbe

UNCLE SAM. We believe it to be the heaviest yielding variety grown. On a loam or sandy soil it is a wonder in yield and quality. The crop averages remarkably regular outline and with shallow eyes. It's handsome appearance and perfect (rem an average and with shallow eyes. It's handsome appearance and perfect (rem an average and with shallow eyes. It's handsome appearance had perfect (rem an average and with shallow eyes. It's handsome appearance had perfect (rem an average and aver



Photo of Potato Seed Balls-One-half Natural Size

HYBRIDIZED POTATO SEED

From the Seed Balls-Headquarters Stock

Millions never saw a Potato Seed Ball. Thousands have tried in vain to get the seed. Now is your opportunity. This unrivaled seed will produce an endless variety of new kinds. Your fortune may be in one of them. They are as easy to grow as tomatoes. It is from these that ALL valuable new varieties of Potatoes are produces are produced. Growing new and distinct Seedling Potatoes from the Seed-Ball is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes, and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Packet with full directions for growing 15 cts., 4 for 50 cts., 10 for \$1.00.

"I selected the earliest and best of 30 Seedlings grown from your seed, planted them alongside Early Ohio, Early Rose, and Beauty of Hebron. They are now—July 12— fully ripe, while all the others are green. Are immensely productive—the best enting potato I have. I seed to have 200 hushels." Jessie Green, La Salle Co., III.

PUMPKIN An ounce will plant 12 to 18 hills.

SMALL SUGAR. The popular variety in New England for pies; fine-grained and sweet. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.90. LARGE CHEESE, or KENTUCKY FIELD. Shape flat, skin of rich cream color when ripe, flesh tender and of fine quality. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$1.75.

MAMMOTH TOURS. One of the largest in cultivation, good for feeding stock. Pkt. 19 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. 1.75.

CONNECTICUT FIELD. The standard variety for feeding stock. Pkt. 10 cts., oz. 15 cts., ½ lb. 35 cts., lb. \$1.00.

JUMBO, or KING OF THE MAMMOTHS. The largest of all Pumpkins.Skin. orange-salmon; flesh bright yellow, very thick, fine grained and of excellent quality for pies. Pkt. 10 cts., oz. 20 cts., ½ lb. 60 cts., lb. \$1.75.

WINTER LUXURY. Medium size, productive and an excellent keeper. Color of skin russet; fine netted. Pkt. 10 cts., oz. 15 cts., 1/4

1b. 55 cts., lb. \$1.00.

GOLDEN OBLONG. Pumpkin from 15 to 20 inches long and 8 to 10 inches in diameter, skin rich golden yellow, thin, but tough. Flesh light golden yellow, of fine quality. Keeps nearly as well as the hard-shell squashes. Pkt. 10 cts., oz. 15 cts., \(\frac{1}{4}\), lb. 35 cts., lb. \$1.00.

QUAKER PIE. Fruits broad, pear-shaped to slightly oval; skin rich cream-buff; flesh fine grained and of rich flavor. Pkt. 10 cts., oz. 15 AKER PIE. Fruits broad, pear-shaped to slightly oval; skin rich cream-buff; flesh fine grained and of rich flavor. Pkt. 10 cts., oz. 15 cts., 14 lb. 35 cts., lb. \$1.00.

RADISH

An ounce will sow 100 feet of drill.



Small Sugar Pumpkin

An ounce will sow 100 feet of drill.

Radishes are now grown the entire year, and may be sown when desired in hotbeds with moderate heat, either in rows 6 inches apart or broadcast. Soil should be light and rich, preferably new soil and fine rotted turf and commercial fertilized. Seed may be sown outside very early, as soon as ground can be worked, in rows, 6 to 12 inches apart, as desired, and one half inch deep. For our own use, we prefer that plants shall be thick, commencing to use roots when twice the size of a large pea and only thinning when the plant shall be thick, commencing to use roots when twice the size of a large pea and only thinning when the plant shall be thick, commencing to use roots when twice the size of a large pea and only thinning when the plant is a small marble, roots are tender and crisp and never have the thick skin, so generally a feature of those found in our markets. It desired for some time, seed should be sown at intervals of two to three weeks. As with the hotbed, soil should be light and rich, if possible, that which has recently been in grass. Avoid the use of both fresh manure and soil on which either radishes, turnips or cabbase were grown the previous year. Commercial fertiling and the plant of the previous plant of the plant of the

EARLY SCARLET GLOBE is a very early globe-shaped radish suitable for forcing or open ground. The radialse are of handsome shape, attractive bright forcing or open ground. The radialse are of handsome shape, attractive bright under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest strain grown from transplanted roots, and will be found unsurpassed. Pkt. 10 cts., 0z. 15 cts., ½ 1b. 40 cts., 1b. \$1.25.

CRIMSON GIANT. An early but large, round or slightly globular radish adapted for either forcing or out-door cultivation. While it grows much larger than other forcing varieties it does not become pithy under glass, nor out-doors even when it is twice as large and older. Bestifiel crimson-carmine, attractive and of fine quality. Pkt. 10 cts., oz. 16 ets., 1/4 lb. 40 cts., lb. 31.

ARLY SCARLET TURNIP. A small round variety, with small tops; quick grower. Popular for forcing and outdoors. Deep scarlet. Pkt. 10 cts. 02. 15 cts. 1/2 lb. 40 cts., lb. \$1.25. EARLY SCARLET TURNIP.

EARLY SCARLET TURNIP, WHITE-TIPPED. slightly flattened at bottom, bright scarlet with itp of clear white, early and attractive; suitable for forzing and outside planting. Pkt. 10 cts., 02. 15 cts., ½ 1b. 40 cts., lb. 81.25.



ROSS BROS. CO. WORCESTER, MASS.





Radish, Scarlet Globe

Radish—Continued

EARLY LONG SCARLET, SHORT-TOP. Once the most popular radish, but has been largely displaced by the round varieties. 6 to 8 inches long, ready to pull in twenty-five to thirty days from sowing. Pkt. 10 cts., oz. 15 cts., ½ lb. 40 cts.,

10. 34.25.

BARLY WHITE GIANT STUTTGART. Root large, clear white, often 4 inches in diameter, does not become pithy until very late. Those not used for summer radish can be stored for winter use. Pkt. 10 cts., oz. 20 cts., ½ lb. 60 cts., lb. \$2.00. radish can be stored for winter use. Pkt. 10 cts., oz. 20 cts., ½ 1b. 60 cts., 1b. \$2.00. PKENCH BREAKFAST. A stump-rooted radish about 3 inches long. Bright scarlet, tipped white. An old favorite for home garden. Pkt. 10 cts., oz. 15 cts., ½ 1b. LONG BLACK SPANISH WINTER. One of the hardiest and best for winter use. Pkt. 10 cts., oz. 15 cts., ½ 1b. 40 cts., 1b. \$1.25. NON FLUS ULTRA, or DEEP SCARLET FORCING. One of the earliest; top

very small, especially suited for foreing. Color deep rich red, form globular. Pkt. 10 cts., oz. 15 cts., ½, lb. 40 cts., lb. \$1.25.

ROUND BLACK SPANISH. White flesh with black skin. Pkt. 10 cts., oz. 15

cts., 4, b. 40 cts., b. \$1.25.

WHITE ICICLE. The earliest pure white, long, summer radish of most excellent quality. Roots when matured are 5 to 6 inches long by about 45 inch in diameter. One of the best outdoor summer radishes. Fix. 10 cts., cz. 15 cts., 4, b. 40 cts.,

10. \$4.120. WHITE STRASSBURG. A fine summer variety, growing about 4 inches long and 2 inches thick. Pure white. Pkt. 10 cts., oz. 15 cts., 34 lb. 40 cts., lb. \$1.25.

RHUBARB OR PIE PLANT

An ounce should produce 100 plants.

The roots can be raised from seed sown in the spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and dlings must have good care.

VICTORIA. The most popular variety, fine for family use and market. Comes quite true from seed. Pkt. 10 cts., oz. 50 cts., ½ 1b. \$1.35.
RHUBARB ROOTS. Sent by express at buyer's expense. 25 cts. and 50 cts., each,

SALISFY OR VEGETABLE OYSTER An ounce will sow 50 feet of drill.

Sow early and deeper than parenip, otherwise culture is the same and like that, roots, if desired, may be left in the ground through the winter but should be dug very early in the spring, as they deteriorate after growth commences.

Larger, of stronger growth, and less liable to grow spongy than the old Long White. Pkt. 10

Spinach

An ounce will sow 50 feet of drill, 14 to 16 pounds to the acre.

Culture.—For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession.

For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich.

EARLY GIANT THICK-LEAVED. Leaves very large and thick deep green, attaining a size suitable for use earlier than the preseding LONG SEASON. A new variety claimed to surpass all others in its ability to withstand hot weather without running to seed. Leaves Very dark green, much crumpled, thick, tender and succellent. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., 1b. 75 cts.

LONG STANDING. A variety which matures early and remains in condition for use longer than most others. Leaves smooth rich, dark green.

SAVOY-LEAVED, or BLOOMSDALE. The earliest variety and used almost entirely for fall sowing, as it runs quickly to seed in warm weather.

SAVOY-LEAVED, or BLOOMSDALE. The earliest variety and used almost entirely for fall sowing, as it runs quickly to seed in warm weather.

Oz. 10 cts., ½ hb. 25 cts., lb. 75 cts.

VICTORIA. Leaves large, chick, very dark green, slightly curled in the

TCTORIA. Leaves large, thick, very dark green, slightly curled in the center. A little later than Long Standing, but surpasses it in the desirable feature of remaining in condition for use for a long time. Especially desirable for spring sowing. Pkt. 5 cts., oz. 10 cts., ½ lb.



cut every few days;

and plant 4 seeds in hills 2 feet in hills 2 feet apart each way. Pkt. 10 cts., oz. 20 cts., \(\frac{1}{4}\) lb. 60 cts.



If larger quantities, other than listed are wanted, write for prices.



Early Giant Thick-Leaved Spinach



EVERYBODY KNOWS ROSS' SEED GROWS



Squash

An ounce will plant from 20 to 40 hills. Squash seed should be planted at about the same time and in the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some

plants.

BLUE HUBBARD. The Symmes Blue Hubbard is an entirely distinct variety, resembling the Warted Hubbard in shape. It is a pale light-blue color, very thick meated, dry and very sweet, its eating qualities cannot be surpassed. The Blue Hubbard is an exceptional heavy cropper, producing an extraordinary number

of the State Hubbard is an exceptional neary corpore, producing an extraordinary number of squashes, which, though not of the largest, are of even size, thus making it very easy to handle and market. It has excellent qualities, keeping with proper storage much longer than the Delicious. Pkk. 10 cts., oz. 25 cts., yd. h. 93.00.

GOLDEN HUBBARD. A distinct sort of the shape and general character of the Hubbard but a little smaller, earlier to mature, and a rich orange-red instead of the dark oliveygreen of the old Hubbard, white the flesh, which is thick, is a little deeper colored, of fully as good quality, fine grained and dry. Pkt. 10 cts., oz. 20 cts., ½ lh. 50 cts., lh. \$1.75.



Blue Huhhard

ESSEX HYBRID. A cross of the Hubbard and Old Turban, partaking somewhat of the features of both. Like the Hubbard, it is hard-shelled. In color it is like the Turban, but greatly improved in form. Flesh, thick, solid and of good quality. Pkt. 10 cts., voz. 15 cts., v₂. H. 40 cts., h. 8.1.40.

FAXON. A very desirable variety for the home garden, very productive, of medium size (five or six pounds), fine grained, dry, sweet. a good keeper, uniform in shape, but varied in color. This variation in color is a distinct feature of the squash. Fkt. 10 cts., oz. 15 cts., 14 lh. 40 cts., lh. \$1.40.

BOOTON MARROW. This grows larger than either

BOSTON MARKOW.

the Prolific or Orange Marrow, but is not of so deep color. Skin, thin, yellow, with pinkish int. Desirable for pies, not so dry as the Hubbard, Pkt. 10 ets., 0z. 15 ets., ½ th. 40 ets., lh. 81.40.

CHICAGO, or WARTED HUBBARD. A selection of the Hubbard, with thicky warted shell. Equal in quality to that and generally considered to be of more attractive appearance. Of this also we offer a carefully selected strain unsurpassed by any we have ever seen. Pkt. 10 cts., 0z. 20 cts., ½ lb. 50 cts., lb. \$1.73.

DELICIOUS. A fall and winter variety, Color, usually dark green but sometimes lighter in color and mottled; shell, moderately hard but very thin; flesh, thick, very fine grained, sweet and of finest flavor. Even when not quite mature is in condition for use and of good flavor. Pkt. 10 cts., oz. 20 cts., ½ h. 60 cts., h. \$2.06.

ITALIAN VEGETABLE MARROW. Vines of bush habit, producing large, much elongated fruits. Dark green at first but becoming marbled with yellow as they mature. The young fruits when fried in oil constitute a vegetable delicacy very popular. Pkt. 10 cts., oz. 25 cts., ½ th. 75 cts.

EARLY SUMMER CROOKNECK. For early planting the Crookneck type is used in New England to almost the exclusion of any other. This, while much smaller than the Mammoth Crookneck, is yet largely grown, many considering it of better flavor. Pkt. 10 cts., oz. 20 cts., ¼ 1h. 50 cts., h. \$1.75.



Three Green Hunnards grown by Frederick Midgley & Sons

HUBBARD. A well-known and favorite winter variety, more largely grown than any other. We offer a choice strain, considered by some of our customers to be superior to the popular Chicago Hubbard. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., lh. \$1.75.

Hubbard. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., h. \$1.75.

MAMMOTH CHILL. The largest variety, attaining under high cultivation an enormous size. Pkt. 10 cts., oz. 25 cts., ½ lb. 75 cts.

MAMMOTH SUMMER CROOKNECK. Vine larger and of more vigorous growth than the Summer Crookneck and fruit is twice as large, and deeper colored. Its large size and attractive appearance have made it popular with market-gardeners. Pkt. 10 cts., oz. 20 cts., ½ 1h. 50 cts., lb. \$1.75.



MAMMOTH
WHITE BUSH
SCALLOP. An
improvement on
the old variety;
larger, pure
white and superior in quality. Pkt. 10 cts.,
oz. 20 cts., ¼
lh. 50 cts.

ORANGE MAR-ROW. An early variety, much like the Prolific Marrow in color and pitting, but is more nearly

Delicious

round, later, much thicker, meated, and of better quality. Pkt. 10 cts., oz. 15 cts., 1/4 lh. 40 cts.

PROFILIC MARROW. The earliest fall variety; from a week to ten days earlier than any other Marrow. Color, deep orange; skin considerably pited. Not so thick meated as the Orange Marrow, not quite equal in quality, but especially desirable on account of its earliness and also because it is very prolific. Pkt. 10 cts., oz. 15 cts., ¼ ht. 40 cts.

THE WARREN. Has a shell generally harder and thicker than the Essex Hybrid and the color is a deeper and richer orange while the quality is decidedly better. The Warren is now grown very extensively by market-gardeners. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 50 cts., 1lb. \$1.75.



ROSS BROS. CO. WORCESTER, MASS.



Tomato

An ounce will produce about 2,000 plants

Tomatoes do best on light, warm, not over-rich soil. Sow in hotbed or window-box (where 60 degrees Fahr, is the minimum night tempera-ture) in March in rows inches apart and inch deep. Cover fire Later sowings may Cover firmly made to the end of April When seedlings are 3 inches high, transplant 4 inches apart each way in hotbeds, coldframes, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled set out plants 3 to 4 feet apart each way in hills, into each of which fertilizer has been pre-viously mixed. Water freely at time of transplanting and shelter from sun until plants are well established.

ACME. Vine hardy and Fruit in . Fruit of four



Beauty Tomato

five, round, smooth and of good size; flesh; solid and of excellent flavor. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ 1b. \$1.25.

BEAUTY. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, and excellent flavor; color, purplish pink. The best purple vort. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 pink. The best cts., 1/4 lb. \$1.25.

COMET. Fruit medium size, scarlet. The heaviest yielder of the green-house sorts. Pkt. 15 cts., ½ oz. 60 cts., oz. \$1.00.

BONNY BEST. This tomato has been tested and found eight to ten days earlier than the Chalk's Early Jewel and ripens about with the Earliana. Very strong grower and the fruit is uniform and smooth; ripens evenly all over, excellent shipper. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ lb. \$1.25.

CHALK'S EARLY JEWEL. A second or medium early sort.

Later than Earliana. Vines vigorous and productive. Fruit solid
and without hard core. Color, bright scarlet. A sort having great
merit. Pkt. 10 cts., ½ cz. 25 cts., cz. 40 cts., ½ 12.8.

DWARF CHAMPION. Sometimes sold as the 'Tree Tomato.' A second early, purplish pink variety, especially desirable where garden space is limited. Vine about two feet high, vigorous, upright and compact. Fruits, medium sized, exceptionally smooth and of very good quality. Our stock is a very superior strain with more even, smoother fruit than the original. Pkt. 10 cts., ½ 0x. 25 cts., 0x. 40 den space is inmited.

good quality. Our stock is a very superior strain with more even, smoothes that,

tcts, ½ lb. \$1.25.

DWARF STONE. Vine dwarf but vigorous and productive. While maturing with the later sorts the bright red fruits are of good color.

exceedingly smooth and very solid. We consider this the best of the large fruited, dwarf tomatoes. Pkt. 10 cts., ½ 0.2. 25 cts., 02. 40 cts. ½ 1b. \$1.25.

exceedingly smooth and very conditions of the purple varieties. Vine is vigorous and very productive; fruits are text, 1/4 lb. \$1.25.

EARLY DETROIT. This is considered the largest and best of the purple varieties. Vine is vigorous and very productive; fruits are purplish pink, smooth, uniform in size and are nearly globe shape. Pkt. 10 cts., 1/4 oz. 25 cts., oz. 40 cts., 1/4 lb. \$1.25.

GOLDEN QUEEN. A very attractive yellow variety. Fruit large, smooth solid and we think of richer flavor than any of the standard varieties. Should be more largely grown for home use. Pkt. 10 cts., 1/4 oz. 25 cts., oz. 40 cts.

and not surpassed in quality. Vine vigorous and remarkably productive. .Pkt. 10 cts., 1/2 oz. 25 cts., oz. 40 cts., 1/4 lb. \$1.25. JUNE PINK. An extra early, purpulish pink tomato similar to the popular scarlet fruited Earliana in growth of vine, shape and size, of fruits and time of maturing. This is a variety of exceptional value to market gardeners who want an early purplish pink tomato, either for home market or to ship; also desirable for planting under glass. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ lb. \$1.25.

JOHN BAER. An extra early scarlet fruited variety of superior merit. The vines are very hardy and exceptionally productive. The fruits are the largest of the extra early and are also most attractive in color. They are nearly round, smooth, firm and of excellent quality. It is one of the earliest to ripen and it continues to furnish marketable fruits much longer than the other very early varieties. It is a very valuable sort for market gardeners use. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ½ 4 lb. \$1.25.

LIVINGSTON'S GLOBE. A large, purplish pink, globe-shaped or very nearly round tomato of excellent quality. Vine very vigorous and productive. Fruit rather uneven in size but very smooth and matures a little earlier than most main crop varieties. Fkt. 10 cts., 1/2 oz. 40 cts., 1/4 lb. \$1.25.

MATCHLESS. IATCHLESS. A large, smooth, bright red variety of excellent flavor, ripening well to the stem. Used in the east to quite an extent for main crop. Pkt, 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ 1b. \$1.25.

PERFECTION. A smooth, blood red tomato. Ripens with Acme, and a week or ten days earlier than the Stone. A desirable sort for gardeners and canners who require a red tomato. Pkt. 10 cts., ½ cz. 25 cts., cz. 40 cts., ¼ b. \$1.25.

PONDEROSA. ONDEROSA. This is one of the largest smooth tomatoes. Color, deep purple. The fruit is exceptionally solid, having but few seeds and is quite free from acid. It is also an ideal variety for shipping. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ½ 1b. \$1.50. RED PEAR. Fruit bright red, rather small, distinctly pear-shaped; of rich flavor and used largely for preserving. The stock we offer is the true pear-shaped, not the large red plum often sold for it. Pkt. 10 cts.

the true pear-shaped, not the large red plum often sold for it. Pkt. 10 cts.

SPARK'S EARLIANA. A deep red tomato. The vines are compact in growth, with short, close-jointed branches. This is an extra early tomato and the best so far produced. Very productive. Fruit fair size and firm. In test it ripened fruit in 108 days from date of sowing seed. Pkt. 10 cts., ½ 0z. 25 cts., oz. 40 cts., ½ 1b. \$1.25.

STONE. Vines vigorous and productive; fruit, large, smooth, deep red in color, and heavy. The best all around variety, where earliness is not important. Pkt. 10 cts., ½ 0z. 25 cts., 0z. 40 cts., ½ 18, 125.

VELLOW PEAR. I clantical with Red Pear, except in color, Clear rich yellow. Pkt. 10 cts.

YELLOW PLUM. Small, plum-shaped fruit of rich flavor. Desirable for preserving and pickling. Pkt. 10 cts.
YELLOW HUSK, or STRAWBERRY. Fruit about the size of a small cherry, borne in husks; of very rich flavor; used only for

preserves. Plant also distinct. Pkt. 10 cts.

If larger quantities, other than listed are wanted, write for prices.



EVERYBODY KNOWS ROSS' SEED GROWS



Turnip

An ounce will sow 150 feet of drill. If sown in drills one pound is required for an acre; if sown broadcast less seed is sufficient if sown evenly.

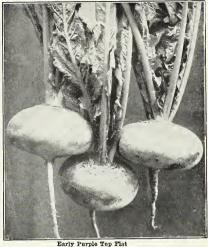
Turnips thrive in well-enriched, medium to light soil, succeeding best on land that was shortly hefore in grass, enriched at time of sowing with a liberal application of commercial fertilizer. They should not be grown on the same land two years in succession, nor should they follow a crop of cabbage or radish. For early use seed should be sown as soon as ground can be prepared, so that the roots will be of sufficient size before hot varieties is for especially late planting, while for a long time it was held that July 25 was the latest date at which Turnips could profitably be sown, more seed is now sown as late as September 1. The roots are much sweeter if they do not attain their size until after several hard frosts. The above regarding the time of sowing applies only to the English or should be sown not later than July 15. The rows of the English varieties should be from 1½ to 2 feet apart and plants thinned to 4 to 7 inches, should be for on the seed in the seed in seed; a half pound is sufficient should not be at least 2½ feet apart and plants should not be nearer than 10 inches. Seed of this class should never be sown broadcast.

EARLY SNOWBALLL. Pure white round of medium wise. Bealy for Turnips thrive in well-enriched, medium to light soil, succeeding best on EARLY SNOWBALL.

ARLY SNOWBALL. Pure white, round, of medium size. Ready for the table six weeks after planting. Of fine quality. Pkt. 10 cts., oz. 15 cts., ½ lb. 25 cts., lb. 75 cts.

EARLY WHITE MILAN. Roots flat, smooth and symmetrical, white. Top very small, upright, and compact, permitting close planting. The earliest and much the best of any extra early white variety. Pkt. 10 cts., oz. 25 cts., ½ lb. 75 cts.

EARLY PURPLE-MILAN. Differs from the preceeding in that the roots are not quite so thick and are purple on top. Pkt. 10 cts., oz. 25 cts., ¼ 10 76 cts.



EARLY PURPLE-TOP FLAT. A well-known variety and very extensively grown. Roots smooth, white, with the upper portion purplish red. Pkt. 10 cts., oz. 15 cts., BARLY PURPLE. The THE STATE OF THE STATE OF

best quality and an excellent keeper. Pkt. 10 cts, oz. 15 cts, ½4 lb. 25 cts, lb. 75 cts. MrtTE BGG.

WHITE BGG. More extensively grown than any other variety. White, egg-shaped, smooth and symmetrical, of medium size; flesh firm, sweet and mild. Pkt. 10 cts. coz. 15 cts., ½ lb. 25 cts., lb. 75 cts.

GOIDEN BALL, or ORANGE JELLY. Of globular form, medium size, skin rich orange; flesh, pale amber, very fine-grained, mild and sweet. One of the most attractive, of the best quality and keeps well. Pkt. 10 cts., oz. 15 cts., ½4 lb. 25

attractive, of the best quality and keeps well. Fr. 10 cts., 0z. 10 cts., ½ 10. Z0 cts., 1b. 75 cts.

FELLOW GLOBE. The standard yellow variety. The form is round, slightly flattened. Largely grown for stock, and to some extent for merket. An excellent keeper. Fr. 10 cts., 0z. 15 cts., ½ 1b. 25 cts., 1b. 75 cts.

GOW HORN, or LONG WHITE. Root long, slightly crooked and grows nearly half above ground. Clear white, except a little green at top. Though more largely used for feeding stock, it is a fine table variety, being tender, and of mild flavor. Of very rapid growth. Pkt. 10 cts., 0z. 15 cts., ½ 1b. 25 cts., 1b. 75 cts.

SWEDISH, RUSSIAN OR RUTABAGA

SWEET RUSSIAN. An old variety, yet largely grown, mainly for table use. Sweet and mild Pkt. 10 cts., oz. 15 cts., ½ 1b. 35 cts., 1b. \$1.00.

WHITE FRENCH, or ROUK. Also an old and popular sort. Roots a little longer than Sweet Russian, but does not otherwise differ. Valuable for table or feeding.

BUDLONG. Originated in Rhode Island by Mr. Budlong, a very extensive grower of Rutabagas. Earlier and more nearly round than other white varieties of this class. Pkt. 10 cts., oz. 15 cts., ½ 1b. 35 cts., 1b. \$1.00.

BERADSTONE. An early variety, white, faintly colored at top; medium size, tender mild and sweet. Pkt. 10 cts., oz. 15 cts., ½ 1b. 35 cts., 1b. \$1.00.

SHAMBOCK. A popular English Yellow Swede. A deeded favorite with our local Stands. Has short neck, shape oblong. Pkt. 30 cts., oz. 15 cts., ½ 1b. 35 cts., 1b.

LONG ISLAND IMPROVED. This is undoubtedly the finest variety of Purple-Top Rutabaga. It grows much larger than other American varieties, is, therefore, desirable for stock, but equally desirable for the table and market, as it is tender and sweet, and of very attractive appearance. Pkt. 10 cts., oz. 15 cts., ½ 1b. 35 cts., 1b. \$1.00.

TOBACCO

CONNECTICUT SEED LEAF. A hardy cigar variety, well adapted to growing in the Middle and Northern State. Pkt. 10 cts., 02. 40 cts.

HAVANA. Leaf very thin, fine texture. Much used for cigar wrappers. Pkt. 10 cts., 02. 40 cts.

Ross Bross. Co., Worcester, Mass. West Brookfield, Mass.

Dear Sirs :-

Dear Sures probably would be interested in the attached photo of some turnips grown from your seeds; the crop is almost perfect in shape and taste. I expect 2000 bushels of Yellow Globe and 600 bushels of White Egs.

C. D. BRIGGS.



White Egg and Yellow Globe

ANNUAL CATALOGUE OF ROSS BROS. CO. Worcester, Mass.



Selected List of Flower Seeds

Though some seeds need special treatment, the following general directions for outdoor culture apply to all. Make the soil fine and even by digging and raking. Though seeds should not be sown nor ground worked when it is wet and soggy, moisture is essential to the successful germination of seeds; therefore sow only on freshly worked soil. Sow in rows that the young plants can be easily seen, and each lot of seeds at uniform depth, which should generally be four to six times the digmenter of the seed. Make the soil over the seeds firm. This is yeven important, as it prevents, to a great degree, the escape of moisture. If weather following is hot and dry, it may be necessary to water.

important, as it prevents, to a great degree, the escape of moisture. If weather following is not and dry, it may be necessary to water. Water thoroughly; and, once commenced, regularly or not at all. Some plants do not bear transplanting well, so seeds should be sown where plants are to remain. Seeds of most plants may, however, be sown in beds and the young plants transplanted, if desired. Transplanting is, of course, more easily, done in rainy weather, but, if necessary, can be safely done in hot, dry weather by giving the soil a good soaking, and then shading the plants for a few days. Give frequent but shallow cultivation. Shallow cultivation conserves moisture by converting the top soil into a fine mulch.

HOW TO ORDER

When ordering, always give catalogue variety number; and while it is not necessary to give name it often serves to indicate more fully one to customer desires, as in the event of the number and name differing, we always send the variety indicated by the name as probably the one of the number of



Aster, Heart of France

HEART OF FRANCE

The best pure red Aster ever introduced. All others have sombre shades of blue or too much yellow in the color pigments. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changable, showing now a glow and sheen quite unique, now a soft warm velvely texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration.

Pkt. 15 cts., 1/16 oz. 50 cts., 1/8 oz. 90 cts.

PINK ENCHANTRESS

This splendid Aster, introduced recently, is highly commended, and This splendid laster, introduced recently, is highly commended, and large quantities are grown annually by commercial florists. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular "Pink Enchantress" Carnation. In Asters, the color is between that of Daybreak and the Semple's Pink Branching and although very delicate, does not fade. In size the flowers are equal to those of the largest Branching Asters.

Pkt. 10 cts., ½ oz 60 cts., ½ oz. \$1.10.

ROYAL ASTERS

This is considered by many to be the very best general purpose Aster ever introduced. It is very much like our American Branching variety, having all its good qualities, but coming into bloom in July or early August and lasting in perfect condition for a long time. The habit of the plants and their free flowering make them very desirable for beds or borders and the long stemmed flowers are ideal for cutting.

26 Shell Pluk, 28 White, 29 Lavender, 31 Mixed Colors.

Pkt. 10 cts., 1/6 oz. 60 cts.

Asters One of the very best Annuals for cut-flowers

The Aster is of easy culture and very popular. Plants from seed sown in the open ground in May bloom freely in September and October. For July and August flowers sow in March or April in coldframe, spent hotbed, or in pots or boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves transplant about 18 inches apart each way into well prepared beds. Manure too fresh or used in too large quantities sometimes induce disease in Asters. When used they should be thoroughly well decayed and mixed with the soil.

PEERLESS YELLOW

Without doubt the most satisfactory yellow yet produced. While not as striking as its more brilliantly colored cousins, its delicate hue of pure sulphur yellow, endears it at once to every true lover of beauty. The dowers are large and an an activities of the state of the state



Aster, Peerless Yellow



EVERYBODY KNOWS

ROSS' SEED GROWS



ASTERS—CONTINUED

QUEEN OF THE MARKET QUEEN OF THE MARKET A very early-hlooming strain, which, though plant is only 1 1/4 feet high, bears from ten to fitteen well-formed, medium-sized flowers on long stems.

- to fifteen well formed, medium sized flowers on long stems. Murch used by florists. Murch used by florists. Murch used by florists. Alght Blue 7 Pink. 8 Crimson. 9 Mixed Colors. Each, Pkt. 10 cts., ½, oz. 40 cts. 9 Mixed Colors. Each, Pkt. 10 cts., ½, oz. 40 cts. EARLY SNOWDRIFT. An extra-early variety. Plant of slender growth, having hut few and narrow leaves, bearing in profusion on long, upright stems, large pure white flowers of very feathery and graceful appearance, and always tull, and dcuble. Of American origin. Originator's P'rt. 15 cts.
- stock Ptt. 15 cts.

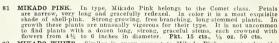
 20 DAYBREAX. Flowers very large and full, and horne on long stems, color a heautiful shell pink. The plant blooms early end profusely, and is of a strong and compact habit. Very popular. 2 feet. Ptt. 10 cts., ½ oz. 50 cts.

 21 PUBLTY. Pure White. A desirable companion to Daybreak. Identical in form of flower and general habit. Blooms at the same time. Ptt. 10 cts., ½ oz. 50 cts.

 22 LAVENDER DAYERBAK. Soft, clear lavender. Of same type as Purity and Dayhreak. Ptt. 10 cts., ½ oz. 50 cts.
- type as runty and Daynreas. Fat. 10 cts., % 02. 50 cts. ROYAL. Very much like our American Branching, but earlier, hlooming in July or early August. 26 Shell Pink, 28 White, 29 Lavender, 31 Mixed Colors. Pkt. 10 cts., ½ oz. 60 cts.
- - VIOTORIA. Considered for a long time one of the finest types, and improved in recent years. The flowers are large, double, imbricated, having petals which curve outward like those of the show dahlias. Bears freely, beautiful long-stamped flowers.
- Mixed Colors. A superh mixture. Pkt. 10 cts., 1/8 oz. 40
 - GIANT BRANCHING COMET. Distinct and valuable: flowers resemble the Japanese chrysanthenum. Not only the company of the control of the control
- White. 71 Light Yellow. 73 Rose. 74 Lavender. 75 Crimson. Ea., pkt. 10 cts., $\frac{1}{8}$ oz. 40 cts. 80 Mixed Colors. Many colors and shades. Pkt. 10 cts., $\frac{1}{8}$ oz. White. 40 cts.



Pink Enchantress



82 MIKADO WHITE. Similar in every respect to Mikado Pink, except color, the flowers having the same deep, fluffy form and the plant the branching habit ascribed to the above. Blooms at the same season. Each is the hest of its color in the Comet class. Pkt. 15 tts., ½, 0z. 50 tts.

CCEGO. This splendid strain of Asters have large flowers, with long, narrow loose petals of the Comet type and grow in a variety of beautiful colors. The plants are of the hranching family and are very vigorous and productive. They bloom in mid-season or just hefore the Late Branching and present a most pleasing spectacle in the garden. Shell Pink. 96 White. 97 Purple. Pkt. 10 cts., ½ oz. 50 cts.

**LAVENDEP GEM. Of the Ostrich Feather type. Flowers large and remarkably

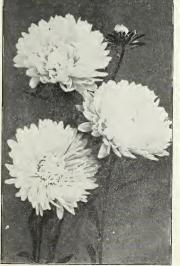
LAUNDER GEM. Of the Ostrich Feather type. Flowers large and remarkably free from single and semi-double specimens. The feathery effect is increased in a large proportion of the flowers by long, partly tubular florets, irregularly cut and slashed. The color is an exquisite shade of lavender, which deepens with age. The plant hranches close to the ground and blooms profusely and very early. 2 feet. Pkt. 10 cts., ½ oz. 60 cts.

AMBRICAN BRANCHING. A superior late-hlooming strain of American origin. The flowers are of the largest size, horne on long, graceful stems, often 15 or more inches in length, are exceedingly heautiful and hloom profusely. 2½ the plants are of extra large and strong growth, and hloom profusely. 2½ feet

- White. 109 Pink. 110 Lavender. 111 Crimson. 112 Purple. Each, pkt. 10 cts., $\frac{1}{8}$ oz. 40 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.75. 108
- Mixed Colors. Pkt. 10 cts., $\frac{1}{8}$ oz. 40 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.75. 116
- VIOLET KING. In habit similar to the American Branching. The flowers Matterly distinct from any other, we also converted resemble those of the quilt sorts, but are much larger, those in the center he and curiously twisted, cyand incurved, completely covering the crown. In shape and size, round, and very large, often 4 and 5 inches in diameter; color, soft violet [J.

Pkt. 10 cts., 1/8 oz. 50 cts. SEMPLE'S BRANCHING. The plants of this Early Branching Assize and vigor of the famous American Branching, but bloom for 2 weeks earlier. Extra large, perfectly formed flowers on make them especially desirable for cutting, for exhibitions

- 118 Lavender. 119 White. 120 Shell Pink. pkt. 10 cts., ½ oz. 40 cts., ½ oz. 75 cts. 121 Crimson
- WORCESTER MIXTURE. Our own mixture of the lectudes every color and shade known among Asters, purchased in hulk, the greatest discovery of both co. of a single packet may be certain of securing a cho varieties. Pkt. 10 cts., ½ 0z. 40 cts., ½ 0z. 75 cts., o.



Giant Branching Asters



ROSS BROS. CO. WORCESTER, MASS.



ASTERS—Continued

125 GOOD MIXED. Our own mixture of many varieties; a wide range of colors. Pkt. 10 cts., 1/2 oz. 30 cts., 1/4 oz. 50 cts., oz. \$1.75. ASTERMUM.

ASTERMUM. A strain of Giant Comet Asters which, on account of their immense size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high with long, strong stems and should come into bloom about the middle of August.

White. 127 Pink. 128 Lavender. Pkt. 15 cts.

ABRONIA

A beautiful little trailing plant, bearing freely in the autumn months verbena-like fragrant flowers. Sow in the house and transplant, or very early in the open ground, Hardy annual.

131 UMBELLATA. Rose, white eye. Pkt. 5 cts.

ACHILLEA

135 PTARMICA, The Pearl. One of the best white, hardy perennials, bearing profusely and continuously from June until frost, beautiful small, white, double flowers; useful for cutting. Easily grown from seed, desirable and often used in cemeteries. 2 feet, Pkt. 15 cts.

ACROCLINIUM EVERLASTING FLOWER

A half-hardy annual, bearing attractive white and rose-colored single and double flowers chiefly used when dried for winter bonquets and wreaths; for this purpose, flowers should be cut before fully expanded. 1½ feet.

Light Rose and Pure White, Mixed. Pkt. 5 cts.
ADLUMIA

CIRRHOSA. (Monnain Fringe: Allegheny Vine.) A beautiful hardy, climbing biennial, which usually self-sows. The feathery foliage resembles that of the maiden hair fern. Of rapid growth and produces, in great profusion, small, tube-shaped pink blossoms. Of the easiest culture. Desirable for covering trelliess, stumps, etc., 10 to 15 feet. Pkt. 10 cts. CIRRHOSA. ADONIS

Hardy, free-flowering plants, bearing showy, attractive flowers, and requiring little care. Seed should be sown in the open ground

requiring little care. Seed should be sown in the open ground e Autumn, or started early in March.

AESTIVALIS. (Flos Adonis; Pheasant's Eye.. Hardy annual bearing intense, blood-red flowers, which, in contrast with the finely cut, dark, green foliage, give the plant a very striking appearance. I foot. July and August. Pkt. 5 cts.

VERNALIS. (Ox Eye.) Hardy perenial, blooming early in spring; when once established, may be easily increased by division. Flowers large, yellow. 18 inches. May and June. Pkt. 5 cts.

AGERATUM

One of the best hardy annuals for summer bedding flowers. Easily grown from seed, which should be sown in the house, as it lengthens the time of hlooming which continues until frost. Its season, hovever, compares favorably in length with other annuals when seed is sown in the open ground. Set the dwarf kind 10 inches apart, and they soon make a mass of color.

MEXICANUM. Blue, 11/2 feet. Pkt. 5 cts., 1/4 oz. 25 cts., 148

MEXICAN ALBUM White, 11/2 feet. Pkt. 5 cts., 1/4 oz. 25

cts., oz. 75 cts. IMPERIAL DWARF WHITE. 8 inches. Pkt. 5 cts., 1/4 oz.

25 cts., oz. 75 cts. LITTLE DORIT. Azure-blue. 8 inches. Pkt. 5 cts., ½ oz. 25 cts., oz. 75 cts

IMPERIAL DWARF BLUE. 8 inches. Pkt. 5 cts., 1/4 oz.

IMPERIAL DWARD 25 cts., oz. 75 cts. LITTLE BLUE STAR. A flowers. 5 inches. LITTLE ELUE STAR. A miniature variety with beautiful mauve flowers. 5 inches. Pkt. 10 cts.
BLUE PERFECTION. Large heads of Amethyst-blue flowers;

plant of very even growth, about 8 inches high. .Pkt. 10 cts., ½ oz. 25 cts.
MIXED COLORS. All varieties mixed. Pkt. 5 cts., ½ oz. 25 cts., oz. 45 cts

AGROSTEMMA

Pretty, free-blooming plants of easy culture, especially desirfor dry situations. Excellent for cutting.

160 COELI-ROSA. (Rose of Heaven). Rose, white center. Hardy
annual. 1½ feet. Pkt. 5 cts.

161 CORONARIA. (Rose Champion.) One of the earliest hardy
perennials. 1½ feet. Mixed colors. Pkt. 5 cts.

ALYSSUM

ALYSSUM

A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging. No other white flower is so well adapted for a deuse, low carpet, or as borders and ribbons in garden work. Extremely fragrant and frequently used for bouquets. Of easy culture. Sure to make a good display. Sow 260 to 250 to

25 cts.

25 cts.

171 LITTLE DORRIT. Little bushes fairly smothered with miniature white flowers. A gem for edging and beds. 4 inches high. Pkt. 10 cts., ½ co. 25 cts., oz. \$1.25.

AMARANTHUS

AMARANTHUS

Brilliantly colored foliage, and bearing peculiarly formed flowers. While in rich soil the plants and leaves are much larger, the colors are seldom as brilliant as when grown on rather poor soil. Of easiest culture. Give plenty of room to develop.

178 CAUDATUS. (Love-lice-Bleeding). Long. drooping flower, 178 CRUENTUS. (Prince's Feather). Spikes of dark red flowers, half-hardy annual. 3 feet. Pkt. 5 cts.

177 SALICIFOLIUS. Fountain Plant.) Long, gracefully undulated foliage, beautifully variegated, varying from green to bronze, banded and tipped with carmine. Tender annual.

178 TRICOLOR SPLENDENS. (Joseph's Coat.) Red, yellow and green foliage. One of the most beautifull of ornamental-leaved plants. Hardy annual. 2 ft. Pkt. 5 cts.

AMPELOPSIS

182 VEITCHII. (Boston Ivy; Japan Ivy. (The well-known pop-

VEITCHII. (Boston Ivy; Japan Ivy. (The well-known popular climbing vine, so often seen on walls of churches, schoolhouses, etc. Grows rapidly and clings to the smoothest surface. Ornamental the entire season, the dark green glossy leaves changing in the autumn to beautiful shades of scarled every contract of the cont VEITCHII.

H. P. Flowers borne on spikes of a variety of blue shades. Useful in shrubbery and perennial gardens.

5 CAPENIS. (Cape Forget-me-not.) Attractive annual with azure blue flowers. 1½ feet. Pkt. 10 cts.

186 DROPMORE VARIETY. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and way late into the Fall. It is a great improvement over the existing varieties. It is dy perennial. 4 to 5 feet.

Pkt. 15 cts., VERMONUE.

ANEMONE

A very popular hardy garden perennial. Single, mixed colors. The well-known Poppy-flowered Anemone.

1 foot. Pkt. 5 cts. CORNARIA, ST BRIGID. ORNARIA, ST BRIGID. An improved strain, bearing larger and more brilliant flowers, and remaining in bloom longer. 1 foot. Pkt 10 cts.

A beautiful, hardy perennial of easy culture, bearing all summer, golden yellow, dairy-like dowers, excellent for cutting. Flants bushy and should stand at least 2 feet and the standard of t

feet apart. Height 2 feet. 190 KELWAYI. Pkt. 5 cts., ½ oz. 15 cts., ¼ oz. 25 cts. ANTIRRHINUM

(Snapdragon)
One of the most beautiful and useful bedding plants, blooming profusely through-

One of the most beautiful and useful beduing plants, slowers, solutions of the summer. Fine for cutting, the state of the



188 CORONARIA.



EVERYBODY KNOWS

ROSS' SEED GROW



AQUILEGIA

RQUILDENIA

Beautiful free flowering hardy perennials, blooming throughout the spring and early summer. Of copyent hardy perennials, thirty in partial shade. 1 to 3 feet.

Super Mixed. Pkt. 10 cts. V_a and 50 cts., V_a as 40 cts.

Double Mixed. Pkt. 10 cts., V_a as 50 cts.

OCRULEA. (Rocky Mountain Columbine.) Splendid large, light blue. Pkt.

15 cts., V_a 42. 75 cts.

OCRULEA HURBIDA pl. 31. Long spurred, flowering hybrids in fine colors

Pkt. 25 cts.

ARABIS

ALPINA. (Rock Cress.) A retry, little hardy perennial, thriving in dry soil, and one of the earliest to bloom. Flowers white and deliciously fragrant; resembles Sweet Alyssum. The plant is covered with bloom and is excellent for rockwork and edgings. 6 inches. Fxt. 10 cts.

ARCTOTIS 209

PRADIS. (African Lilae Daisy.) A bautiful annual from Africa, of luxuriant branching growth, bearing freely from July until frost, large, long stemmed, daisy-like flowers, about 2 backs across poince white on upper surface, reverse side of pale lilae. Lo cts., 10 cts., 10 cts., 14 oz. 30 cts. ARISTOLOCHIA 210 GRADIS

SIPHO. (Dutchman's Pipe.) A hardy perennial vine of rapid growth with large glossy heart-shaped leaves, bearing curious yellowish-brown blossoms, somewhat resembling a pipe. 15 to 20 feet. Pkt. 15 cts.

ASPARAGUS SIPHO.

PLUMOUS NANUS. Beautiful house plants; the feathery foliage is unrivaled for cutting. Pkt. 25 cts., 100 seeds \$1.00.

SPRENGERI. Excellent plants for table decorations. Pkt. 15 cts.

ASPERULA 216

917

220

ODORATA. (Sweet Woodruff.)A hardy perennial, blooming freely and continuously in rather moist soil and a partially shaded location. The flowers are white, but the plant is largely grown for its fragrant leaves and stems. which are used when dried for the same purposes as those of lavender. I foot. Pkt. 5 cts.

BALSAM

This old favorite annual, sometimes known as Lady's Slipper, has been continunity improved for several years, the flowers of some strains now closely rivalling in
the property of water, to be grown to perfection, but is otherwise of easy culture. We offer
seed of the most improved types, which will, with favorable conditions, produce a large
proportion of double flowers. 2 feet.
225 IMPROVED CAMBELLIA-FLOWERED, MIXED COLORS. Double flowers of
the finest type and a wide range of beautiful colors. Pkt. 10 cts., ½, cs. 40

NEW DOUBLE WHITE. (Alba perfecta.) Extra fine. Pkt. 10 cts., 1/4 oz. 40 227

230

oz. 75 ets.



Balsam

DOUBLE DARK RED. Beautiful rich color. Pkt. 10 cts., ½ 0z. 40 cts. DOUBLE PINK (PRINCE BISMARCK.). Pkt. 10 cts., ½ 0z. 40 cts. CHOICE MIXED. Double flowers of many colors. Pkt. 10 cts., ½ 0z. 20 cts.,

BALLOON VINE

A tender annual climber of rapid growth, bearing small, white flowers, followed by curious inflated seed-vessels, somewhat resembling a balloon. 10 to 15 feet Pkt. 5 cts.

BARTONIA AUREA

Showy hardy annual of distinct character, its golden yellow flowers being freely produced; it grows well in partial shade but should not be crowded. Fkt. 10 cts.

BEANS, ORNAMENTAL VARIETIES

The Scarlet and White Runner Beans are deservedly popular as ornamental climbers, as but few plants grow so rapidly, and none is more easily grown. The former is largely grown alone for ornament, but all are very attractive. The beans of the White Runner are used in some localities as green shell beans: Scarlet are also edible, but seldom used. All should be treated as directed for Pole Beans.

240 SCARLET RUNNER. Pkt. 5 cts.

241 WHITE RUNNER. Pkt. 5 cts.

BELLIS PERENNIS (Double Daisy)

A perential plant, bearing in early spring small, double white or rose-colored flowers. It shall be a property of the flowers of the property of the property

BRACHYCOME (Swan River Daisy)

A free-flowering hant of dwarf, compact rowth, bearing in great profusion beau-tiful single blue or white flower. Effective as selgings or in beds, and suitable for rustic baskets or pot culture. Half-hardy annual. I foot. 250 Mixed Colors. Pkt. 5 ets.

BROWALLIA

A beautiful, free-blooming half-hardy annual. Seed may be sown in the open ground when warm, but preferably should be sown in the house or hotbed, and, if possible, repotted once or twice. The plants will then bloom early and be covered throughout the summer with their beautiful blue and white flowers. For beds, borders or pois, few equal it. 11s feet left, 5 cts.

CALCEOLARIA

Gorgeous plants for greenhouse and window decoration. The flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, white, etc., spotted and blotched in the most unique fashion. 1½ feet.



Antirrhinum



ROSS BROS. CO. WORCESTER, MASS.



CALENDULA (Pot Marigold)

A very free-hlooming hardy annual of easy culture. Grows well in nearly all splant is more desirable for hedding. I to 1½ feet and are cut to some extent, but the plant is more desirable for hedding. I to 1½ feet double flowers of a creamy-vellow, slichtly flushed apricot, dark hrown eye. Pkt. 5 cts., ½ oz. 30 cts., oz. 50 cts. 55 METBOR. Yellow, striped orange. Pkt. 5 cts., ½ oz. 30 cts., oz. 50 cts. 525 ORANGE GIANT. Extra large, orange. Pkt. 5 cts., ½ oz. 30 cts., oz. 50 cts. 57 PRINGE OF ORANGE. Orange, striped yellow. Pkt. 5 cts., ½ oz. 30 cts., oz. 50 cts. 58 SULPHUR CROWN. Sulphuryellow. Pkt. 5 cts., ½ oz. 30 cts., oz. 50 cts. 59 Mixed Varieties. Pkt. 5 cts., ½ oz. 30 cts., oz. 50 cts.

CALLIOPSIS

Well-known, profuse-flowering hardy annuals of the easiest culture. Numbers 260 and 263 represent the type more commonly known. Numbers 261 and 262 resemble in habit, foliage and flower the perennial type, generally known as Coreopsis. 260 Mixed Colors, 1½ to 2 feet. Pkt. 5 cts, ½ 02. 20 cts, 02. 35 cts. 261 CORONATA MAXIMA. Yellow; extra large. 1½ feet. Pkt. 5 cts, ¼ 0z.

15 cts. ¼ oz. 15

RAY OF GOLD.

Well-known, heautiful, hardy highenials, Like all of this class, many he sown where they are to remain any time after midaummer, or in heds in the spring for transplanting. The Calycanthema (Cup-and-Saucer) class is so named heeause of the broadening of the calyx into a saucer-shaped secondary flower. In permanent situations, plants should stand 18 to 20 inches apart. All varieties succeed heat in a rich, rather sandy, well drained soil.

267 PRIZE MIXTURE. A superb mixture of all classes, single, double, and cup and saucer. Pkt. 10 cts., ½ oz. 20 cts.

288 SINGLE, MIXED COLORS. Pkt. 5 cts., ½ oz. 15 cts.

270 CALYCANTHEMA. (Cup-and-Saucer.) Mixed colors. Pkt. 10 cts., ½ oz. 30 cts.

271 CALYCANTHEMA. Rose plak. Pkt. 10 cts., ½ oz. 30 cts.

272 CALYCANTHEMA. White Pkt. 10 cts., ½ oz. 30 cts.

274 CALYCANTHEMA. White Pkt. 10 cts., ½ oz. 30 cts.



CANARY CREEPER (Tropacolum Canariensis)

rapid-growing, half hardy annual climber, bearing curiously formed yellow flowers. Blooms until frost. Fine for shady places. 10 to 15 feet. Pkt. 10 cts., 1/4 oz. 15 cts.

CANDYTUFT

Popular hardy annual, growing in any soil, requiring hut little care, and hy repeated sowings may he had in bloom all summer. 6 Popular naruy annua, s. to 1 foot.

CARMINE. Pkt. 5 cts., ½ oz. 15 cts., oz. 25 cts.

DARK CRIMSON. (Dunnett's.) Pkt. 5 cts., ½ oz. 15 cts., oz. 25 cts.

EMPRESS. Large trusses; pure white. Pkt. 10 cts., ½ oz. 20 cts., ¼ oz. 35 cts.

EMPRESS. Pkt. 10 cts., ½ oz. 20 cts., ½ oz. 5 cts.

EMPRESS. Pkt. 10 cts., ½ oz. 20 cts., ½ oz. 5 cts.

OMERN OF ITALY. Of dwarf, bushy hahit. Large pink flowers; fine, 6 inches. inches 276

278

cts. MIXED COLORS. Pkt. 5 cts., ½, oz. 15 cts., oz. 50 cts.
QUEEN OF ITALY. Of dwarf, bushy hahit. Large pink flowers; fine, 6 inches.
Pkt. 5 cts., ½, oz. 25 cts., ½, oz. 20. 40 cts.
DWARF HYBRIDS. Mixed colors. Of dwarf hahit, hut flowers are large. Pkt.
cts., ½, oz. 20 cts., ½, oz. 25 cts., ½, oz. 20 cts., oz. 60 cts.
WHITE FRAGRANT. Pkt. 5 cts., ½, oz. 20 cts., oz. 60 cts.

The Crozy Cannas are well known for their dwarf growth and luxuriant foliage. The flowers are large and of most brilliant colors. Soak the seeds in warm water until they show signs of swelling, then sow in sandy loam and place in a hothed.

284 CROZY'S DWARF. Large flowering varieties. Mixed. 3 to 4 feet. Pkt. 10 cts.,

1/4 oz. 20 cts.
285 TALL, DARK-LEAVED VARIETIES. Mixed. Pkt. 10 cts., 1/4 oz. 20 cts.

CARNATION

Chief the introduction of the control of th

Well-known and very popular half-hardy perennial, which until the introduction of the Marguerite class, was aninly grown by the florist in the green house and occasionally by the amateur in pots in the house. The Marguerite class, including the original and later introductions of similar type, are treated as annuals, blooming in about four months from seed, which may he sown in the open ground early in the spring, usually by May 1, hut preferably earlier in the house, and plants set in hie open ahout the flower-stems early in the fail and potting the plants, they will hloom freely through the flower-stems early in the fail and potting the plants, they will hloom freely through the plants bound stand about 12 inches apart.

286 MARGUERITE IMPROVED SEMI-DWARF. An improved strain, blooming four months after sowing. Flowers are larger, a greater proportion double and the variety of colors much greater than those of the original. Pkt. 10 cts., ½ 0z. 30 cts.

287 MARGUERITE GIANTS. Flower approaches in form, size, fragrant and beauty those grown by the florist. Great variety of color. Blooms four months after sowing. Pkt. 10 cts., ½ oz. 40 cts.
 288 CHAUBAUD'S GIANT PERPETUAL. A new strain, remarkable for its combination of earliness with the continuity of bloom and perfection of flowers of the perpetual type. Blooms in four or five months after sowing. Flowers large, a high percentage double. Deliciously fragrant and greatly varied in coloring.

PRt. 15 cts.

290 DWARF VIENNA. Blooms early the second summer from seed. The hardiest sort, said to stand the winter with slight protection. Flowers large, double fragrant and of varied colors. PRt. 10 cts., ½ og 2.2 5 cts.

292 DOUBLE FINE MIXED. A choice strain of the regular type, hlooming the second year from sowing. Most desirable for house culture. Pkt. 10 cts.

CINERERIA (Hybrida Grandiflora) 294 ROSS' PRIZE MIXTURE. The plants are of compact growth, carrying extra large flower heads with flowerers of unusual size and substance. This strain includes the hrightest and richest self colors as well as a good mixture of all colors. Pkt. 25 cts.



Carnation



EVERYBODY KNOWS

ROSS' SEED GROWS



CASTOR BEAN

(Ricinus)

Well-known tender annual; tall, stately, majestic plants of very rapid growth, with palmlike leaves of glossy green, brown or bronze hue; very effective for lawns, planted singly or in groups. 6 to 15 feet. 295

297

yor in groups. 6 to 15 feet.

BORRONIENS 25.

CAMES 25.

CAMES 25.

CAMES 26.

color from light green to deep bronze. 10 10 10 1eet. allicul valueures. Art. 0 com, ½ 0z. 15 tsts, 0z. 25 cts. GIBSONI. Large dark-red leaves. 5 feet. Pkt. 5 cts, ½ 0z. 15 cts, 0z. 25 cts. All Varieties Mixed. Pkt. 5 cts, ½ 0z. 10 cts, 0z. 15 cts.

COCKSCOMB

(Celosia cristata)

Popular free-blooming, half-hardy annual bearing flowers of comb-like form, the recently improved strains producing under best cultivation heads of enormous size. Grown either by itself or combined with other plants, the Cockscomb makes a striking and effective display. While seed may be, and more generally is, sown in the open ground, for best results it should be sown early in the house, and the young plants transplanted into small pots in which they should remain until they show signs of blooming, when they should be shifted to a permanent location. The Cockscomb requires good, rich soil, ample room and plenty of moisture to fully develop its flowers.

305 GLASGOW FRIZE. Crimson; dark foliage. 9 inches. Pkt. 10 cts., ½ 0z. 30 cts.

317 MIXED. PLATA. 10 cts., 1½ 0z. 50 cts.

318 DWARP, EXTRACHOICE MIXED. Includes all the latest introductions and colors of the Cockscomb. Pkt. 10 cts., ½ 0z. 50 cts.

FEATHERED CELOSIA

(Celosia plumosa)

Orten used for winter bouquets, and for this purpose should be cut before fully ripe and dred in the house. This class requires the same treatment as the preceding. Half-hardy annual. 1 to 1½ feet.

311 THOMPSON'S SUPERE. Graceful, feathery plumes of rich crimson, which contrast beautifully with the purplish bronze foliage. Pkt. 5 cts., ½ 0z. 15 cts.,

trast beautifully with the purpose.

1/1 02. 32 DEAMS. Golden Yellow. Pkt. 5 cts., ½ 0z. 15 cts., ½ 0z. 25 cts.

THOMPSONIA MAGNIFICA. A sphendid strain, large plumes, ranging from clear yellow to darkest red. Pkt. 10 cts., ½ 0z. 30 cts.

CHOICE MIXED. Pkt. 5 cts., ½ 0z. 15 cts., 0z. 40 cts.

CENTAUREA

Cockscomb To this family belongs the well-known annuals, Bachelor's Button and Sweet Sultan, and also the plants known as Dusty Millers.

CYANUS. (Bachelor's Button, or Cornflower.) Popular hardy annual of the easiest culture, blooming quickly after seed is sown and for a considerable time if flowers are kept well cut. 2 feet.

OXANUS... (Bachelor's Batton, or Cornflower.) Popular hardy annual of the easiest culture, blooming quickly after seed is sown and for a considerable time if flowers are kept well cut. 2 feet.

DOUBLE BLUE. A selection of the old-fashioned Bachelor's Button, producing a large percentage of beautiful double blue flowers.

Pkt. 10 cts. 1/4 oz. 25 cts.

SINGLE and DOUBLE MIXED. Pkt. 5 cts., 1/4 oz. 15 cts., oz. 50 cts.

SINGLE and DOUBLE MIXED. Pkt. 5 cts., 1/4 oz. 15 cts., oz. 50 cts.

SINGLE AND SUBJECT OF SINGLE Linc. Each, pkt. 5 cts., 1/4 oz. 15 cts.

MOSTATAR. (Common Sweet Sultan.) A low and greatly improved type of Sweet Sultan. Both plants and flowers are much larger than the common. The flowers are borne on long, stiff stems, and will last for several days after cutting. They are very fragrant and colors delicate and beautiful.

Blue. 324 WHITE. Each, pkt. 10 cts.

Mixed Colors. Pkt. 10 cts., 4/5 oz. 20 cts.

WHY. Elsevier of the common of the flowers of the colors delicate and beautiful.

Blue. 325 WHITE. Each pkt. 10 cts., 4/5 oz. 20 cts.

WHY. Elsevier of the colors of the colors. A colors of the colors of the colors. A colors of the colors of the colors. A colors of the colors of the colors of the colors. A colors of the colors of the colors of the colors. A color of the colors of the colors. A color of the colors of the colors. A color of the colors of the colors of the colors. A color of the colors of the colors of the colors of the colors of the colors. A color of the colors of the colors of the colors of the colors. A color of the colors of the colors of the colors. A color of the colors of the colors of the colors of the colors of the colors. A color of the colors of the colors of the colors of the colors of the colors. A color of the colo



CHINESE WOOLFLOWER

CHINESE WOULFLOWER

329 CELOSIA CHILDSII. Without doubt this new Celosia is the most magnificent garden annual yet introduced. Its ease of culture and long continued holoming season (July until frost, together with its massive bunches of wool-like flowers and glowing color, combine to make it the most odd as well as the showiest novelty for the general flower garden. Plants grow about three feet high, the bloom starting early with a globular central head of immense size, while numerous branches are sent out, each bearing a ball of scarlet wool, while each branch produces many and expand with deepnear excellent heads of bloom that last until killed by frost and expand with deepnear excellent heads of bloom that pass and expand with deepnear excellent flowers. The produced may be sown in open, after danger from frost, or sown in pots; may be transplanted when ground is ready. Pkt. 20 cts., three pkts. 50 cts.

CHRYSANTHEMUM (Annual Varieties)

Free-flowering plants of branching habit, with rich, finely cut and very ornamental dark green foliage, bearing on long stems daisy-like flowers of bright and varied colorings. These colorings on the single varieties are usually in distinct rings and look, on the flat petals as though they were painted on. Both grow freely from seed, are of easy culture very desirable for cutting, and are effective bedding plants. They should be given plent of room, from 2 to 2½ feet, and will bloom more freely on soil of medium fertility. Hardy 303 SINGLE. (Painted Dasies.) Mixed colors. Pkt. 5 cts., ½ oz. 15 cts., 2.50 cts., ¼ oz. 15 cts., 2.50 cts., ½ oz. 15 cts., 2.50 cts., ½ oz. 15 cts., 2.50 cts.

1/8 oz. 15 cts.
DOUBLE. (Marguerites.) Pkt. 5 cts., ½ oz. 15 cts.



ROSS BROS. CO. WORCESTER, MASS.



CLARKIA

A pretty, hardy annual from California, much improved in recent years. Blooms profusely in either sun or partial shade. Colors: Rose, salmon-pink, purple and white, in mixture. 1 foot. 15 cts., 1/4 oz. 25 cts.

CLEMATIS

Paniculata. One of the finest hardy prennial climbers. Of robust habit, and covered from the ground to the summit with pure white fragrant flowers. The flowers are followed by pretty seed pods of bronzy-red; 12 feet. Pkt. 10 cts.
 Large-Flowering, Mixed. (Jackman's.) Flowers 3 to 4 inches across, of charming shadows of blue, white, purple, lavender, etc.; 10 to 12 ft. Pkt. 10 cts.

CLEOME "Giant Spider Plant"

343 Gigantea Rosea. A showy garden annual producing curious heads of flowers of bright rose color with long antennae-like stamens; of easy cultivation, blooming early until late; 4 to 5 ft. Pkt. 10 cts.

COBAEA

SCANDENS. (Climbing Cobaea.) A beautiful, rapid-growing, half-hardy perennial climber, blooming the first year from seed, bearing large bell-shaped flowers; at first green, but changing to a beautiful deep violet-blue. A clean porch climber, free from insects. Sow early in the house and pot the plants, as this greatly lengthens the period of bloom, and the plants will make a much greater growth. Seed germinates more readily if pushed into the ground edgewise and barely covered. 22 to 30 feets. Pkt. 10 ctss, ½ 0z. 30 cts. 354 SCANDENS.

COIX LACHRYMA

(Job's Tears)
347 An ornamental grass growing from 7 to 9 feet high. Large, shiny seed. Pkt. 5 cts., ½ oz. 20 cts., oz. 35 cts. Large broad leaves bearing

COLEUS

Popular ornamental foliage plants, usually propagated by cuttings, but easily grown from seed, from which many new varieties may be expected, affording an interesting experiment to the amateur. Sow in heat in March or April and transplant to open ground about the first of June. For borders of geranium or canna beds and in carpet

ground about the first of state. For norders of gerandan of canal scales and engaged and Choice Hybrids, Mixed. From a large collection; of greatly diverse shades and markings. Pkt. 10 is.

181 New Large-Leaved Varieties. Mixed. Saved from new varieties with very large and richly varigated foliage. Pkt. 25 cts.



A free-flowering hardy annual from California, of easiest culture and great beauty.

Legislate will bloom much earlier than from seed sown in the spring. It may, however, be sown in the spring, if desired. I foot.

COLUMINE. See Aquilegia.

CONVOLVULUS MINOR

Half-hardy annual of trailing habit, growing about 1 foot high and covering a space of 2 feet, and bearing abundantly bell-shaped flowers similar to those of the tall sort. Flowers open on clear days about noon and remain open until evening, are pure white and of 356 Mixed Colors. Pkt. 5 cts., ½ 2 oz. 15 cts., oz. 25 cts.

BURBANK'S RAINBOW CORN

357 The stalks, including tassel, grow five and a half feet tall, and are clothed with many variously variegated leaves three inches wide and two feet long. The leaves (both on main stalks and suckers) are all superbly striped with broad bands of crimson, yellow, rose, white, and broaze. The small hardy seed can be planted early, and as it does not ripen until very late the plants present their rich tropical beauty for a long season. Pkt. 10 cts., 1/4 oz. 30 cts.

COREOPSIS

For Annual Varieties, see Calliopsis.

LANCEOLATA GRANDIFLORA. A beautiful, hardy perennial, blooming profusely the first season until frost from seed sown early. The flowers are a rich, golden yellow, often 3 inches in diameter, borne on fine long stams and are very desirable for cutting. Of easiest culture, growing anywhere. Pkt. 5 cts., ½ oz. 40 cts., oz. \$1.40. 358 LANCEOLATA GRANDIFLORA.

COSMOS

Beautiful autumn-blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishings an abundance of cut bloom for autumn decorations when other flowers are scarce. Should he sown in spring in the open autumn when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere.

KLONDIKE. Large, orange colored flowers. Pkt. 10 cts., % oz. 20 cts.
 MAMMOTH PERFECTION. Mixed colors. Flowers of mammoth size, rather late in flowering; seed should therefore be sown as early as possible in the house in March, or as the plant is especially hardy, in the open ground in a sheltered spot in April. Pkt. 5 cts., % oz. 25 cts.

362 LARGE EARLY FLOWERING. In th New Large Early-Flowering we have a strain which combines the desired features of good size and early production. The flowers are fully twice as large as the Early-Flowering, while the plant blooms as early. Crimson, Rose, and White Mixed. Pkt. 10 cts., ¼ oz. 30 cts.

362A Crimson. 362B Pink. 362C White. Each, pkt. 10 cts.

363 CRIMSON RAY. This distinct novelty originated from one plant which attracted marked attention from the fact that the flowers, while equally as large in diameter showed a new departure in form, number and shape of the petals. The petals were narrow and fluted, separated in star-like form and of the most brilliant crimson color overlaid with velvet sheen. Pkt. 10 cts.

LADY LENOX. Long stemmed flowers, often measuring 5 inches across. Unsurpassed for garden decoration and cut flowers. 6 to 7 feet.

364 Pink. Pkt. 15 cts. 364A White. Pkt. 15 cts.





EVERYBODY KNOWS ROSS' SEED GROWS



DOUBLE COSMOS

These new hybrids from bushy plants 5 to 6 feet high and flower profusely during the autumn months. Only 40 to 50 per cent. of the plants will reason being that the double flowers are pistillate—having no stamina and consequently bear no pollen—so to produce seed must depend upon staminate singles for polination. The progeny therefore comes about half doubles and half singles. Double Cosmos flowers aside from their novelty and beauty are of lasting substance, both on the plants and as cut flowers.

365 CRIMSON KINC. Dark crimson.

365 WHITE QUEEN. Pure white.

365 WHITE QUEEN. Pure white.

365 WHITE COLEN. Pure white.

ROSS' GIANT CYCLAMEN

Charming house plants, with beautiful foliage and rich colored, fragrant flowers. Universal favorities for winter and spring blooming. May be successfully raised from seed with a little care and patience.

269 Giant Mixed. Pkt. 50 cts.

CYPRESS VINE

A popular climbing vine, with delicate fern-like foliage, bearing in abundance small, star-shaped, rose, scarlet or white flowers. Of easy culture. Haif-hardy annual. 10 to 12 feet.

370 Mixed Colors. Pkt. 5 cts., 02. 15 cts., 02. 50 cts.

DAHLIA

The growing of the double varieties from seed is always more or less of an experiment, but fine flowers of the single type can be easily accuract from seed to the seed of the



Double Dahlia

DAISY

I has always seemed to use the second of the

tion to other flowers often known as Daisies, but listed elsewhere under rent names.

AFRICAN GOLDEN.

(Dimorphoteca Aurantiaca.) This very showy annual plant is a valuable addition to the list of hardy annuals. When first exhibited, it gained an Award of Merit at the great Temple Show, and the control of the country and Europe, and all who have seen the plant in bloom praise it. A bed of these plants is remarkably effective and the flowers are excellent for cutting, while the plant is easily grown from seed sown in the open ground. The combination of beauty of flower, profusion and length of bloom and ease of culture should commend this plant to all who cultivate flowers and will, we are sure, making a careaf lavorite when once its merit is known. Fix. 10 cts., and the great of the provided provided the provided provided the season, and, when once established, for several months. Easily grown from seed and can be also increased by division of the root. The flowers are from 3 to 4 inches across, borne on very long, stiff, wiry stems, and remain in good condition for many days after being cut.

BUERANK'S SELECTED HYBRIDS. A mixture of seeds saved from the best seedings, including some with double rows of petals. Pikt, 15 cts.

BUERANK'S SELECTED HYBRIDS. A mixture of seeds saved from the best seedings, including some with double rows of petals. Pikt, 15 cts.

BUERANK'S SELECTED HYBRIDS. A mixture of seeds saved from the best seedings, including some with double rows of petals. Pikt, 15 cts.

MIGHAELMAS DAISES. (Perennial Single Asters.) Beautiful and showy, hardy perennials, easily grown from seed, blooming profusely in the autumn months, and the first season if seed is sown early.

MIXED COLORS. Pkt. 10 cts.

For other flowers known as Daisies, see Anthemis, Brachycome and Chrysanthemums. AFRICAN GOLDEN.

Chrysanthemums.

DATURA

DATURA. (Trumpet Flower.) Strong growing ornamental annual shrubs.
Flowers trumpet shape, large and fragrant.
FINEST MIXED. Pkt. 5 cts., 1/2 cz. 15 cts.
DELPHNIUM (Larkspur)

Showy, hardy annuals and perennials, thriving in nearly all soils if well enriched and open to the sun. Seed of the annual sorts, though more generally sown in the spring, should preferably be sown in autumn, as plants commence blooming much earlier. Seed of the perennial kinds may be sown in the open ground from April to October, or inside in March, and if plants are kept growing well until June, and then set in the open border some will bloom well in the autumn months. (See Next Page)



Delphinium



ROSS BROS. CO. WORCESTER, MASS.



ANNUAL DELPHINIUMS

385 DOUBLE DWARF ROCKET. 1 foot. Mixed colors. Pkt. 5 cts., 1/2 DOUBLE DWARF ROCKET. 1 foot. MIXed colors. Fat. 0 coo, /2 co. 25 cfs. 02 cfs. 02 fs. 0

ELATUM. (Bee Larkspur.) Flowers have curiously folded, hairy petals in the center, which give them a fancied resemblance, to a bee. Rich shades of blue, with black center. 2½ feet. PKt. 10 cts., ½, 6z. 30 cts.
FORMOSUM. The large flowers are deep, rich blue, with white centers. 2½ feet. Pkt. 10 cts., ½, 6z. 30 cts.
SIBIRICUM HYBRIDUM. Shades of blue. If sown early, will bloom in August. 2 feet. Pkt. 10 cts., ½, 6z. 25 cts.

DIANTHUS. PINKS 393 394

The following varieties of Dianthus, commonly known as Chinese and Japanese Pinks, have been, for a long time, very popular, and deservedly so. In diversity of rich and beautiful markings they have but few rivals and in ease of culture, freedom of bloom, and almost certain satisfactory results, they stand close to the Nasturtium. Hardy biennials, blooming the first year from seed. So easily grown from seed as to be rarely treated as biennials. Seed may be sown in the open ground any time in May. Plant 6 inches apart. Height 1 foot.

DOUBLE CHINA. (D. Chinesia fl. pl.) Small, double flowers, borne in large clusters, of many colors, mostly with white edge. **Pkt. 5 cts.**, 1/4 oz. 1.5 cts.

1. do 2. 15 dets. 3. O lamy vertical to the colors, mostly with wine edge. FA. o Ces., 1. EDDEWUG'S DOUBLE. (D. Heddewigi fl. pl.) Japan Pinks. Very large, double flowers of a wide range of color, running from white and light pink through shades of red to rich, velvety crimson and deep maroon atmost black. Pkt. 5 cts., ¼ oz. 25 cts.

SINGLE MIXED. Large single flowers, of rich and varied colorings. SINGLE MIXED. Large single flowers, of rich and varied colorings. BINGLE IMPERIAL. (D. Imperialis fl. pl.) A popular strain; fine, large, double flowers of many colors. Pkt. 5 cts., ¼ oz. 15 cts.

ROYAL or KING'S PINKS. (Dnobilis fl. pl.) An ideal strain, the earliest to bloom, flowers of the largest size and of remarkable bright solid or self colors. Pkt. 10 cts., ¼ oz. 25 cts.

PIEBBALL. Of dwarf habit. Flowers globular, double, dark, blood red. Pkt. 10 cts., ¼ oz. 25 cts.

405

406

407

410 Flowers.

FIREBALL. Of dwarf habit. Flowers globular, double, dark, n. Pkt. 10 cts., 1/2 oz. 25 cts. SNOWBALL. Very double, pure white. Excellent, Pkt. 10 cts. PURITY. A new double clove-scented white Dianthus. Flowe and double, possessing a delicious fragrance. A decided acqui A decided acquisition to and double, possessing a delicious tragrance. A decided acquisition to this large family of beautiful flowers. Pkt. 10 cts.

WORCESTER MIXED. All the above and other choice strains. Unsurpassed. Pkt. 10 cts., 1/4 oz. 30 cts., oz. \$1.00.

HARDY PERENNIAL VARIETIES 415



Dianthus

Clove or Grass Pinks; Dianthus plumarium.

Improved forms of the old well-known Clove Pink. They grow anywhere and bloom very profusely. Flowers of many pleasing colors and deliciously fragrant. Very useful for the hardy border.

SINGLE. (Pheasant's Eye, Pink.) Mixed colors. Pkt. 5 cts., ½ oz. 15 cts.

17 DOUBLE AND SEMI-DOUBLE. Mixed colors. Pkt. 10 cts., ½ oz. 25 cts.

18 FLORIST'S PERPETUAL PINK. (D. semper-florens.) Double and semi-double; large flowers; very fragrant and of a great diversity of colors. Blooms nearly all summer and if sown in March will generally bloom the first season. Pkt. 15 cts., ½ oz. 35 cts.

DIGITALIS (Foxglove)

Enverite hardy plant bearing (Poxglove)

Enverite hardy plant bearing the dead of the to other plants, easy culture. Well suited for be inducted of the plants, and for naturalizing in the edges of woods. Hardy biennial or perennial, 24, 24, 23 MAOULATA SUPERBA. (Very's spotted., Choice strain of spotted varieties. Pkt. 10 cts.

424 MONSTROSA. Mixed colors. Monstrous flowers. Attractive. Pkt.

427 PURPUREA. (Common Foxglove.) Mixed colors. Pkt. 5 cts., 1/8 oz.

428 PURPUREA. Rose. Pkt. 5 cts. 429 PURPUREA. White. Pkt. 5 cts.

DOLICHOS

(Hyacinth Bean)
A rapid-growing hardy, annual climber, bearing all summer clusters of white or purplish blue flowers, followed by ornamental seed-pods. Sow in May where plants are to remain. 10 feet.

433 Mixed Colors. White and Purple. Pkt. 5 cts., 1/4 oz. 15 cts.

ESCHSCHOLTZIA

CALIFORNICA VEID Ptt. 5 cts. 42 0Z. 15 cts. 0Z. 25 cts

443 ERECTA COMPACTA, ROSE QUEEN. carmine. Pkt. 5 cts.





EVERYBODY KNOWS ROSS' SEED GROW



EUPHORBIA

Ornamental foliage plant; easily grown from seed. Striking and effective appear-Hardy annual. VARIEGATA. Foliage-veined and margined with

Hardy annual.

VARIEGATA. (Snow-in-the-Mountain.) Foliage
white. 2 feet. Pkt. 10 cts., ½ oz. 25 cts.

EXACUM AFFINE

453 A beautiful annual bearing clusters of fragrant lilac flowers. Very useful for pot culture. 1 foot. Pkt. 25 cts.

FORGET-ME-NOT

FORGET-ME-NOT
(Myosotis)

Favorite hardy perennials, mostly treated as annuals, nearly all blooming the first season from seed sown early in the open ground. They succeed to a degree that cool, moist soil, considerably shaded 6 inches.

454 ALPESTRIS. (Blue Alpine Forget-me-not.) Pkt. 10 cts., ½ oz. 25 cts.

455 ELIZA FONROBERT. Large, sky blue, with yellow eye; much grown for cutting. Pkt. 10 cts., ½ oz. 30 cts.

457 Ph. 10 cts., ½ oz. 40 cts.

458 DISTINCTION. (Ever-flowering.) New; blooms in eight to ten weeks from sowing. Pkt. 10 cts., ½ oz. 30 cts.

459 RUTH FISCHER. The largest and fine-Torget-Me-Net; flowers measure from sowing. Pkt. 10 cts., ½ oz. 30 cts.

460 RUTH FISCHER. The largest and fine-Torget-Me-Net; flowers measure from pot culture or spring bedding. Pkt. 10 cts., 1-16 oz. 81. 1-16 oz. 81.

461 VIOTORIA. The flowers are large bright azure blue, with yellow centers. The plants form neat bushes completely covered with blooms. Best for edging. Pkt. 10 cts., ½ oz. 35 cts.

FOUR O'CLOCK

A well-known favorite plant, bearing freely funnel-shaped, white, red and striped flowers, which open about four o'clock in the afternoon. Will grow anywhere. Plants should be given plenty of room; about 2 feet apart. Hardy annual. 2 feet.

465 Mixed Colors. Pkt. 5 cts., ½ oz. 15 cts., oz. 25 cts.

FOXGLOVE. See Digitalls.

GAILLARDIA

ANNUAL VARIETIES (Blanket Flower)
Very showy, free-blooming, hardy plants of easy culture. Seed germinates very slowly and should be sown in the house in March. The flowers are very brilliant, borne on long stems. Fine for cutting. feet

2 feet
470 PIOTA. Single; mixed colors. Pkt. 5 cts., ½ oz. 15 cts.
471 PIOTA LORENZIANA. Double; mixed colors. Pkt. 5 cts., ½ oz. 15 cts.

PERENNIAL GAILLARDIA

Hardy perennial Gaillardias thrive in nearly all soils and situations, requiring no protection and almost no care. Flowers large; with rich shades of scarlet, orange and crimson, the three often combined in one flower. Desirable for the perennia border. If sown early all values, Mixed. A splendid mixture; comprises all the colorings known. Pkt. 15 cts., ½ oz. 50 cts.

CEPANIUM.

GERANIUM

Well-known, half-hardy, greenhouse perennials, easily raised from Seed sown in the fall or early winter will produce flowers in



A Hedge of Four O'Clocks



June, while from that sown in March, plants will not bloom until plants will bloom in mil-winter.

485 ZONALE. (Fish or Horseshoe Geranium.) Saved from the largest and finest varieties. Fkt. 10 ts.

eties. Pkt. 10 ts. GEUM

486 MRS. BRADSHAW. A very handsome, new variety, bearing immense double flowers of bright searlet; a perpetual bloomer; fine for cutting. 2 feet. Pkt. 10 cits., % oz. 20 cts.

GLOBE AMARANTH (Gomphrena)

488 MIXED COLORS. A tender annual plant, bearing globe-shaped ever-lasting flowers, often used, when dried, in winter bouquets. Blooms freely and is an excellent bedding plant. 11% cast. Pkt. 5 cit. quets. Blooms fre feet. Pkt. 5 cts.

GLOXINIA

One of the most beautiful greenhouse perennials. May be seasifully grown by the amateur. Give them a porous and well-enriched soil; a warm, moist atmosphere, and as soon as they begin to flower remove them to a cooler house, and afterwards dry them off gradually and keep them free from moisture that they again begin to grow. The seeds are small and should be sown on an even surface and but slightly covored.

488 SFLENDIO MIKTURE. A mixture of all classes unrivaled in richness of colors. Pkt. 25 cts.

GODETIA

A showy and beautiful hardy annual, bearing fairly large distance of the state of the open sown in the plants of the open sown in the house in March and transplanted to the open ground as soon as danger from frost is past. The plants require plenty of room. Close planting weakens them, 490 MIXED COLORS. Includes all varieties and the latest introductions. Pkt. 5 cts., ½ 40. 15 cts.

GOURDS

GOURDS

Ornamental, tender annual climbers, with curiously formed and colored fruit; of very rapid growth; useful for covering unsightly objects. 10 to 20 feet, 1491
Apple-shaped, Small, striped, Pkt. 5 cts.
492 Dipper. The fruit is of slender, neck-like form for two-thirds its length, widening at the apex in the form of a dipper. Pkt. 5 cts.
493 DISH-LOUTH. See the such as a dipper. Pkt. 5 cts.
494 Egg-shaped. Pkt. 5 cts.
495 Egg-shaped. Pkt. 5 cts.
496 Hercules' Club. 4 feet long. Pkt. 5 cts.
497 Egg-shaped. Pkt. 5 cts.
498 Pear-shaped. Green, white-striped, Pkt. 5 cts.
498 Pear-shaped. Green, white-striped, Pkt. 5 cts.
498 Seprent. 5 feet long. Pkt. 5 cts.
500 Mixed Varieties. Small sorts. Pkt. 5 cts.



ROSS BROS. CO. WORCESTER, MASS.





GYPSOPHILA

(Baby's Breath)

Very useful, free-blooming plants of easiest culture. Flowers very small, borne in loose, graceful panieles. Very largely used in bouquets with other cut-flowers, such as Sweet Peas, Roses, Carnations, etc. 2 feet.

505 ELEGANS GRANDIFLORA ALBA. White. An improved form of the annual Goysophila. Grown by the arer for the London and Paris flower markets. Blooms quickly after sowing; several sowings should be made. Pkt. 5 cts., ½ oz. 16 cts., oz. 50 cts.

506 PANICULATA. White. The variety more generally known as Baby's Breath. Hardy perennial. Pkt. 5 cts., ½ oz. 15 cts.

GREVILLEA

507 ROBUSTA. (Silk Oak.) The graceful evergreen, fernlike foliage combines admirably with palms and other massive-leaved plants. Excellent for table decoration. Pkt. 10 cts. 1/8, 02. 40 cts.

HELENIUM

A very valuable hardy perennial, bearing in profusion in August and September, long stemmed single flowers; fine for cutting. Effective as a background.

AUTUMNALE SUPERBUM. Deep golden yellow, 5 to 6 feet. Pkt. 10 cts. HELIANTHUS. See Sunflower.

HELICHRYSUM

(Straw Flower; Everlasting)

One of the best everlasting flowers and an effective bedding plant, succeeding in any well-enriched soil. If flowers are desired for winter use, they should be cut just as the buds are opening. Hardy annual. 2 feet.

Heliotrope

DOUBLE, MIXED COLORS. (H. monstrosum fl. pl.) Largest double flowers. Pkt. 5 cts., 1/4 oz. 25 cts.

HELIOPSIS

516 PITCHERIANA. One of the best hardy perennials for dry soils and its graceful flowers among the best for cutting. The plant commences to bloom early in season. The flowers are of a beautiful deep yellow, of great substance, and about 2 inches diameter. 3 feet. Pkt. 10 ets.

HELIOTROPE

A well-known and favorite plant, largely grown in pots, but thriving in the open border; usually grown from cuttings, but grows readily from seed, blooming the first season if sown early. Half-hardy perennial from seed, blooming the first 518 Mixed Colors. All shades. PRt. 5 ets.
519 Large-flowering. Mixed colors. Heads of flowers nearly double the size of the old sorts. Pkt. 10 ets.

HEUCHERA

SANGUINEA. A fine, hardy perennial, bearing in graceful spikes rich crimson flowers. Useful for cutting, and the plant is useful in the mixed border. 1 foot. Pkt. 10 cts. 525 SANGUINEA.

HIBISCUS.

Vigorous-growing plants, producing large, handsome flowers, often six inches across. Very desirable for mixed beds or borders.
526 AFRICANUS. Hardy annual, yellow. 2 feet. Pkt. 5 cts., 1/2 oz. 15 cts.



Helenium

HOLLYHOCK

One of the oldest hardy favorites, greatly improved in recent years, flow, and plan of more sturdy growth. While the Hollyhock delights in deep, rich soil, it must be dry and well-drained, or plants will not live through the winter. Though often sown later, the winter. Though often sown later, seeds should be sown not later than

June. As young plants bloom better Hollyhock and are hardier, seed should be sown every year. Hollyhocks are most effective planted in long rows. Hardy perennial. every year. 5 to 7 feet.

- CHATER'S FINEST MIXED. Choicest double varieties, a large percentage of the flowers coming double. Pkt. 10 cts., ½, oz. 35 cts., ½, oz. 60 cts. 531 Double. Mixed Colors. Pkt. 5 cts., ½, oz. 25 cts.
- 532 ALLEGHENY. Large, semi-double flowers, beautifully fringed, of silky texture and richly colored. Pkt. 10 cts., 1/8 oz. 25 cts.

EVERBLOOMING HYBRIDS. (Annual Hollyhocks.) Double. Semi-Double and Single. Mixed. A new strain, blooming the first season from seed. Plants from seed sown inside in March or April will bloom in July and those from seed sown in the open ground, in August, and, in both cases, continuously until frost if main stem is pinched off when 3 or 4 feet high. Pkt. 10 cts. CHATER'S DOUBLE. 535 Maroon, 535A Pink. 536 Snow White. 536A Yellow. Pkt. 10 cts., $\frac{1}{2}$ 8 oz. 35 cts.



Hollyhock



EVERYBODY KNOWS ROSS' SEED GROWS



HUMULUS (Hop)

Rapid-growing climbers visualized foliage, especially valuable because scidom intend by inascets of thousand state of the state of the

HUNNEMANNIA

FUMARIAEFOLIA. (Giant Tall Poppy, or Bush Eschscholtzia.) A valuable plant of the Poppy family, closely allied to the Eschscholtzia. A perennial always treated as an annual, blooming by middle of July and from sections of a deep, rich yellow, borne on very long stems and last a remarkably long time after cutting.

2 feet. Pkt. 5 cts., ½ oz. 25 cts. FUMARIAEFOLIA.

IBERIS

SEMPERVIRENS. (Perennial Candytuft.) A desirable hardy perennial of easiest culture. Dwarf spreading habit; suitable for rockeries. Flowers pure white. Pkt. 10 cts, ½ oz. 30 cts.

ICE PLANT

(Mesembryanthemum) CRYSTELLINUM. A trailing plant, with succulent stems and leaves, excellent for hanging baskets and rockwork. Tender annual, 9 inches, Pkt. 10 cts.

IPOMEA

The Ipomoca family includes the well-known Morning-glory, the Moonflower and the Cypress Vine. Rapid-growing climbers of easiest culture; bloom earlier and more profusely on rather poor soil but of higher growth and more attractive foliage when grown on rich soil. Tender annuals. 15 to 30 feet. 50 BONA NOX. (Evening Glory.) Beautiful, large, violet-blue flowers which open at hight. Of extremely rapid growth. Pkt. 5 cts. 50 COCCINAE. (Star Ipomoca.) Small scarlet flowers, borne in profusion.

COCCINAE. (Star Ipomoea.) Small scaries nevers, but Pkt. 5 cts.

ETOSA. (Brazilian Morning Glory.) A handsome variety of luxuriant growth, having very large three-lobed leaves, the under side and stem being thickly set with small reddish hairs. Flowers are a pleasing rose, about 2½ inches across, of delicate satiny texture and borne in clusters, but one or two in each cluster opening at once. Pkt. 10 cts.

RUBRA OODRUGAS. (Heavenly Buev.) Large, heart-shaped leaves; flowers are a pleasing rose over the foliage; bright sky-blue. Pkt. 10 cts.

JERUSALEM CHERRY

(Science)

560 THU 559

(Solanum)

An ornamental and interesting genus of fruit-bearing plants; singularly bright in fruit and foliage. Popular for greenhouse or SOLANUM CAPSICASTRUM. Covered with scarlet fruit dur-ing the winter. One and one-half feet. Pkt. 10 cts. 555

KOCHIA

RICOPHYLLA. (Summer Cypress.) A very quick-growing annual; cultivated for its beautiful foliage, which is feathery and fine as moss. Through the summer this is bright green, but commences in early fall to gradually take on a red tinge, becoming entirely red before it dies. The brilliant coloring has given it its other two common names of Mexican Fire Plant and Burning Eush. It is often grown in rows about My 1. Hardy annual. 21/2 feet. Pkt. 10 cts. 1/4 oz. 20 cts. TRICOPHYLLA. 20 cts. JOB'S TEARS. See Coix Lachryma.



Kochia

KUDZU VINE (Peuraria)

THUNEERGIANA. (Jack-and-the-Beanstalk Vine.) A vine of wonderful rapid growth, when well established growing to the great height of 40 to 50 feet. Leaves are of enormous size. One of the best for forming a screen for any purpose, but in the South becomes woody. Hardy perennial. Pkt. 10 cts.

LANTANA.

A favorite plant of rapid growth, blooming continually through the summer; desirable for the garden or house. Tender perennial. 562 Mixed Colors.

LATHYRUS LATIFOLIOUS

LAIRIKUS LAIIFULIOUS

An easily grown hardy perennial climber, bearing freely, flowers somewhat similar in form to the Sweet Pea. If grown on moist soil, will bloom nearly all summer. Colors: Reddish purple, rose 570 Mired Colors. Pkt. 5 cts., ½, 42 cs. 20 cts., ½ oz. 35 cts.

LAVENDER (Lavendula Vera)

575 VERA. A well-Pkt. 10 cts., A well-known hardy perennial grown chiefly for its lasting fragrance.

Octs., 78 Oz. 20 cts.

LAVATERA TREMESTRIS

Beautiful and effective hardy annual, covered during the entire summer with pretty and showy blossoms.

576 Rose Pirk. 577 White. Pkt. 10 cts., ½ oz. 20 cts.

LINUM (Scarlet Flax)

580 GRANDIFLORUM. (Scarlet Flax.) Hardy annual of slender habit, bearing in profusion brilliant scarlet-crimson flowers. An effective bedding plant.

1 foot, Pkt. 5 cts.

LODETIA Beautiful and effective hardy annual, covered during the entire summer with

LOBELIA

Pretty little plants of easy culture, blooming profusely from June until frost. The dwarf varieties are useful for bedding and edging, the trailing variety is excellent for hanging-baskets, vases and rock-work. Half-hardy annuals. 555 ORYSTAL PALAGE COMPACTA. Rich blue flowers, dark foliage. Pkt.

10 cts.

10 cts.
WHITE GEM. White Dwarf; very profuse. Pkt. 10 cts.
GRACILIS. Light blue, trailing. Pkt. 5 cts.
CARDINALIS. Intense scarlet. 3 feet. Pkt. 10 cts.
LOVE-IN-A-MIST. See Nigella. 588

LUPIN

Annual Varieties, Mixed. Easily grown plants, with long, graceful spikes of pea-shaped flowers of various colors. 2 feet. Pkt. 5 cts., 02. 35 cts. Perennial Varieties, Mixed. Hardy, plants of easy culture, useful as a background in the perennial border. Mixed blue and white: 3 to 4 feet. Pkt. 5 cts., ½ oz. 30 cts., 02. 50 cts.





ROSS BROS. CO. WORCESTER, MASS.

evening. 1 foot. Pkt. 5 cts.

1/4 oz. 15 cts.



LYCHNIS

Perennial plant of easy culture, blooming the first season if sown early.

CHALCEDONICA. (Burning Star.) Bright scarlet flowers shaped like Maltese cross. Of fine color and thrifty growth; very effective in the perennial border. Pkt. 5 cts.

MARIGOLD

Favorite annual plant, blooming the entire summer; easily cultivated. The African varieties bear large yellow or orange flowers and the plants are usually stall. The French type is of dwarf habit and flowers are striped. Hardy annual. 1 to 3 feet, 600 AFRICAN ELDORADO. Flowers very large, extremely double, of various shades of yellow. Pkt. 5 cts., ½ oz. 15 cts.
601 LEMON BALL. The largest of all Marigolds, nearly ball-shaped; pure lemon

of yellow. Pkt. 5 cts., ½ oz. 15 cts.

1 LEMON BALL. The largest of all Marigolds, nearly ball-shaped; pure lemon yellow. Pkt. 10 cts.

ORANGE PRINCE. Large, rich orange. Pkt. 10 cts.

DOUBLE MIXED. All shades of the African type. Pkt. 5 cts., ½ oz. 15 cts.

ORANGE PRINCE DOUBLE, GOLD STRIPED. Deep browning red, striped yellow. Pkt. 5 cts., ½ oz. 15 cts.

FRENCH DOUBLE MIXED. Shades of yellow and brown. 2 feet. Pkt. 5 cts.,

LEGION OF HONOR. Single flower; golden yellow, with a large spot of crimson,

MATHIOLA BICORNIS (Night Scented Stock)

610 A hardy annual with purplish red flowers, giving forth a delightful fragrance, towards



Marigold, Gold Striped

619

MACHET. Large, thick spikes of reddish cast, of dwarf habit, dark foliage. One of the best for pots. Pkt. 5 cts., ½ oz. 15 cts., ½ oz. 25 cts. PARSON'S WHITE. Nearly white. Pkt. 5 cts., ½ oz. 15 cts., oz. 50 cts. VICTORIA. Of deep reddish cast. Pkt. 5 cts., ¼ oz. 15 cts., oz. 50 cts. VICTORIA. Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. Pkt. 10 cts., ½ oz. 25 cts.
MIXED VARIFIES. The above and other varieties. Pkt. 5 cts., ¼ oz. 15 cts.,

oz. 50 cts.

MIMULUS

Showy, free-flowering plants of easy culture. Half-hardy perennials, blooming the first season by July, if started early in the house, and continually until October, Thrives best in moist soil and somewhat shaded location. 1 foot.

630 TIGENIVIS. (Monkey Flower.) Handsome flowers with white, sulphur or yellow ground spotted with crimson, scarlet or pink. Pkt. 10 cts.

631 MOSCHATUS. (Musk Plant.) Small yellow flowers, musk-scented foliage, of trailing habit, excellent for hanging baskets. Pkt. 10 cts.

MOONFLOWER (Ipomoca)

STOCK ALBA (Inomoea)

GRANDIFLORA ALBA (Inomoea notifiora). A very rapid-growing variety of Inomoea, resching the height of 30 feet. Large white flowers, open in the evening and on cloudy days. Germination is greatly assisted if the hard shell of the seed is cut. Plant about 1 inch deep, in moist soil, in a box or seed-pan, and set in a warm place. If soil is kept moist the seed will germinate in about two weeks. Set out the young plants as soon as all danger of frost is past, selecting PINK HYBRID MOONZOWER (10 cts.)

Seeds germinate freely and plant commence to bloom profusely nearly as soon as the Morning Glory. Wines are of most rapid growth, and will cover as much or more space than any other Moonflower, having enormous leaves. Blooms very profusely and will succeed wherever the Morning Glory will. Pkt. 10 cts.



Marigold, Eldorado

MATRICARIA

Free-flowering annuals, useful for groups, borders, or pot culture. Fine for cut flowers. 1½ feet. 1½ feet. 11 DOUBLE WHITE. Pkt. 10 cts. 1½ soz. 25 cts. 612 DOUBLE YELLOW. Pkt. 10 cts. 1½ soz. 40 cts.

MIGNONETTE (Receda odorata)

MIGNONETTE (Receda odorata)

A well-known and popular hardy annual, prized for its delightful express and popular hardy annual, prized for its delightful express of the prized for the



Mignonette





A well-known vine of easiest culture. Hardy annual, 10 feet, 636 MIXED COLORS. Pkt. 5 cts., 1/2 oz. 15 cts., oz. 25 cts.

637

JAPANESE GIANT MORNING-GLORIES. The flowers of this strain are much larger than those of the common type, the range of colorings much greater, while the foliage is greatly varied and very attractive. The colors range from deepest purple through range of colorings much greater, while us to see and very attractive. The colors range from deepest purple through all shades of blue and red to pure white, in a great variety of beautiful blendings and markings. The vine is not so hardy nor so vigorous in its growth as the common type. Germination is assisted by soaking the seed in water for twenty-four hours before sowing. Tender annual. 8 feet. Pkt. 5 cts., ½ 0z. 15 cts.,

MOURNING BRIDE. See Scabiosa.

MUSK PLANT. See Mimulus.

MORNING GLORY, DWARF. See Convolvulus minor.

NASTURTIUM

No other annual plant combines in so great a degree, ease of culture, profusion or bloom, and grace and beauty of flowers as the Nasturtum. Also, it thrives on all soils except that which is very wet and succeeds on soil so poor that many other plants would fail to grow at all.

TALL NASTURTIUM (Tropaeolum majus)

CHAMELEON. Varies in color and markings of flowers on the same plant.

COCCINIA. Bright scarlet.

DUNNETT'S ORANGE. Bright orange, blotched red. 646

648 EDWARD OTTO. Brownish lilac.

HEINEMANNI. Chocolate-color 652

654 HEMISPHERICUM. Straw-color blotched rose.

656 KING THEODORE. Deep crimson-margon: dark foliage.

LUTEUM. Clear light yellow. 658

PEARL. Very pale yellow, nearest approach to white. 662

664 REGALIANUM. Deep crimson-violet.

SALMON QUEEN. (Improved Vesuvius.) Rich, but soft velvety salmon; dark foliage. 666

VON MOLTKE. Bluish rose. 671

VESUVIUS. Salmon rose, dark leaved. Each of the preceeding varieties, pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., ¼ 1b. 60 cts.

35 cts., 74 10. 00 cts.

CHOICE MIXED. Many varieties, a wide range of colors. Pkt. 5 cts., 02. 15 cts., 2 ozs. 25 cts., 14 lb. 40 cts., lb. \$1.40. See also, Worcester Mixed Tall Nastrutiums

GIANT-FLOWERED, TALL NASTURTIUMS, MIXED.

673 A choice selection of the largest flowered varieties and seedlings. Especially desirable for exhibition. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., 2 ozs. 40 cts., ½ 1b. 65 cts.



Nasturtium

61

Nasturtiums prefer Nasturtums prefer dry, rather rocky soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater pro-fusion than in a rich garden where they run too much to leaves. This adds to their value for planting over many unsightly places ..



LOBB'S TALL NASTURTIUM

(Tropacolum Lobbianum)

While both flowers and foliage are slightly smaller than those of the preceding common Nasturtium, this class is preferred by many because of the greater protusion of bloom and its more brilliant coloring.

675 ASA GRAY. Light yellow, almost white.

677 BLACK PRINGE. Very dark, nearly black. Foliage dark.

678 BRILLIANT. Dazzling scarlet.

680 CARDINALE. Rich, cardinal-red.

681 GIANT OF BATTLE. Light yellow, spotted red.

683 GIADER QUEEN. Carr, golden yellow.

685 GOLDER OUEN. Carr, golden yellow.

686 GLDER OLDER Carr, golden yellow.

687 LIUCIER. Deep scarlet. Deep toling to deep cream.

698 LUCIER. Deep scarlet. Deep toling to deep cream.

700 LOBEIANUM. Choicest mixed. A mixture of all varieties of this desirable class. Pkt. 10 cts., 0z. 20 cts., 2 ozs. 30 cts., ½ 1b. 50 cts.

WORCESTER TALL MIXED

WORCESTER MIXED TALL NASTURTIUMS. Our own mixture of many varieties; comprises selections from all classes, including the New Varieties; comprises selections from all classes, including the New Varieties possible diversity of colors and types, but well-balanced, including larger proportions of the most desirable varieties. Pkt. 10 cts., oz. 20 cts., ¹/₄ lb. 50 cts., lb. \$1.75.



ROSS BROS. CO. WORCESTER, MASS.

NASTURTIUM (Continued)

DWARF, OR TOM THUMB NASTURTIUMS

While the flowers, not having as long stems, are perhaps not quite as desirable for cutting as those of the Tall Nasturtium, the Dwarf Nasturtium is not surpassed by any other annual plant for bedding, being of the easiest culture, thriving in nearly all soils and blooming profusely the entire season

Except where otherwise noted, all of the following varieties at uniform prices. Pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., 1/4 lb. 60 cts.

AURORA. Bright primrose, veined carmine.
BEAUTY. Orange with scarlet markings.
BRONZE-COLORED. A very distinct and peculiar shade.
CHAMELEON. Flowers of different colors or markings on the same

718

CLOTH OF GOLD. Brilliant scarlet, foliage golden yellow. CRYSTAL PALACE GEM. Rich, sulphur-yellow, spotted carmine. EMPRESS OF INDIA. Dark scarlet, foliage distinct dark purplish 724

730

GOLDEN KING. Rich golden yellow.
GOLDEN QUEEN. Both flowers and foliage yellow.
KING THEODORE. Dark marroon; dark foliage.
KING OF TOM THUMBS. Rich scarlet, dark foliage.
LADY BIRD. Orange-yellow. suffaced rade blacked. Orange-yellow, suffused red; blotched brighter red

738 742

LADY BIRD. Orange-yellow, suffused red; blotched brighter red at base of petals.

PEARL Light cream, nearly white.

PERINGE HEBNRY, Light straw-yellow, spotted and suffused with rose.

RUBY KING. Ruby-red, dark leaved.

RUBY KING. Ruby-red, brown spots.

SELVIVE.

SELVIVE.

CHOICE MIXED. Sulmo-pink.

CHOICE MIXED. The equal to the Worcester Mixed, of a wide range of colors and will give pleasing results. Pkt. 5 cts., 0z.

15 cts., 2 ozs. 25 cts., ¼ lb. 40 cts., lb. \$1.40.

747 WORCESTER MIXED DWARF NASTURTIUM. Like the Worcester Tall Mixed this is of our own preparation and cannot be surpassed in diversity of colors and types; includes all the named varieties and classes here described and other choice mixtures of noted growers. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., lb. \$1.75.

749 VARIEGATED LEAVED, or QUEEN OF TOM THUMBS, MIXED. A mixture of all the varieties yet named and several unnamed seedlings of this new, distinct and charming type. Of various distinct colors; shades—light primrose, deep scarlet, crimson and deep orange more or less veined or spotted with other colors. Pkt. 10 cts., 1/2 oz. 15 cts., oz. 25 cts.



Photo reproduced of plant showing its bushy habit and great production of flowers.

NEMESIA

A very valuable introduction—long blooming annual with large flowers varying from creamy white to deep orange and carmine. Most useful for bedding. 1½ feet. 756 STRUMOSA. SUTTONI. Pkt. 15 cts.

NEMOPHILA (LOVE GROVE)

An attractive hardy annual, bearing cup-shaped flowers about an inch in diameter, usually in shades of blue and white, often spotted with brown. Succeeds in cool, shaded places, in light, but rather moist loam. 6 inches.

757 MIXED. Pkt. 5 cts., ½ oz. 15 cts.

NICOTIANA (Flowering Tobacco)

Handsome, effective, half-hardy annuals, blooming profusely the entire season, riving in all soils. Seed may be sown early in the house, or in the open Handsome, effective, half-hardy annuals, blooming profusely the entire season, and thriving in all soils. Seed may be sown early in the house, or in the open ground as soon as the soil is warm.

758 AFFINIS. White star-like flowers, deliciously fragrant, expands fully in the evening. 2 to 3 feet. Pkt. 5 cts.

759 SANDERAB. Rose-carmine; remarkably profuse in bloom. Unlike the Affinis, as in full bloom during the day. 3 to 3½ feet. Pkt. 10 cts.

760 SANDERAB. White SANDERABLY was the same comprising several distinct colors or

shades. Pkt. 10 cts.

NIGELLA

(Love-in-a-Mist; Lady-in-Green; Devil-in-a-Bush)

A favorite hardy annual of the easiest culture. The blue or white flowers are half-hidden in the abundant finely cut foliage, hence its common names. 1 to 11% feet, 761 Blue and White. Mixed. Pkt. 5 cts.

ORNAMENTAL GRASSES

AGROTIS NEBULOSA. An airy and graceful annual grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. Fkt. 5 ets. AGROTIS NEBULOSA.

COIX LACHYMA. (Job's Tears.) 9 feet. Large, broad leaves, large shiny

seed. Hardy annual. Pkt. 5 cts.

766 BULALIA ZEBRINA. (Zebra Grass.) Dark green leaves crossed by yellowish white bars. Hardy annual. Pkt. 5 cts.

white pars, mardy annual, PRL, 5 cts.

PENNISETUM LONGISTYLUM, Graceful drooping heads. Excellent for bouquets. 2 feet. Hardy annual. PRL, 5 cts.

PENNISETUM EUPELIANUM. Poliage long and slender, the silvery plumes tinged with violet. 3 feet. Hardy annual. PRL, 5 cts.



Nigella

767



EVERYBODY KNOWS ROSS' SEED GROW



PANSIES

Pansies are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Sow has accounts for the sufference in the price of the various rithines are, as a rule, say seeders, Sow Pansy Seed in Agusto To Soptember, in fresh, moist only correctly and press seeds in with a board. Keep the bed moist by watering, and if the weather is hot and dry by mulching with straw or by shading with cloth. The seeds will germinate in about two weeks, when the straw or cloth should be removed. In from four to six weeks, transplant to a slightly raised bed, setting the plants about 3 inches apart each way. Protect during winter with straw or leaves, and transplant to desired location early in the spring. Seed may be sown in the open ground in the spring as soon as soil can be fitted. A much earlier sowing can be made in a coldframe, but is not necessary. The ideal location is one somewhat sheltered from the wind, which has the morning sun and is shaded during the hottest part of the day. Seed sown in June in a cool place will make fine blooming plants by fall, when the weather is cool and the face of the wind, which we fifer of the choicest strains is of unsurpassed quality. Other strains at lower prices are of excellent quality, comprising every other extra-large flowers.

Note than our packets of Pansy seeds are larger than usually offered, rarely containing less than 200 seeds, and more often 250 to 350.

less than 200 seeds, and more often 250 to 350.
 BUGNOT'S SUPER BLOTCHED. Rare shades of red, bronze or brown. Pkt. 25 cts., ½ 0z. 80 cts., ½ 0z. 81.40, 0z. 85.
 CASSIER'S GIANT BLOTCHED. A very carefully selected strain of five blotched varieties remarkable for the enormous size of the flowers and the many rare combinations of shades and colors Pkt. 25 cts., ½ 0z. 80 cts., ½ 0z. 8.140, 0z. 85.
 TRIMARDBAU GIANTS. Flowers of the largest size, with a dark blotch on the three TRIMARDBAU PARSIAN, LARGE-STAINED. A beautiful improved strain mostly white ground and five blotched varieties. Pkt. 15 cts., ½ 0z. 60 cts., ½ 0z. 81.00.
 MADAME PERRET. (Phenomena.) A strain, distinctly beautiful pink, blotched or veined with rose, crimson or purple, the upper petals either self-colored with rich wine-red or deep purple, or with a margin of white. Pkt. 15 cts., ½ 0z. 60 cts., ½ 0z. 81.00.
 MASTERFIEDO. Ruffed Pansies. A strain having ruffied and curled petals, giving the color of cts. ½ 0z. 81.25.
 WORCESTER GIANT MIXED. Our own selection of choice large-flowered strains and varieties, including a proportion of all the preceding strains, the named separate sorts,

WÖRCESTER GIANT MIXED. Our own selection of choice large-flowered strains and varieties, including a proportion of all the preceding strains, the named separate sorts, and several choice strains from different growers. Wonderful colors, shades and markings, representing nearly every type of Pansy. Pkt. 15 cts., 4/9 cz. 80 ts., 4/9 cz.

LARGE FLOWERED MIXED. Our own mixture of varieties. The range of colorings is excellent, and the mixture will be found very satisfactory. Pkt. 10 cts., ½ 02. 50 cts., ½ 02. 90 cts

ENGLISH PRIZE MIXED. Includes many with face-like markings of various shades. Pkt. 10 cts., 1/8 oz. 60 cts. 800



000 60 cts. 792 60 cts. 794 INDIGO-BLUE. New rich shade. Pkt. 10 cts., ½ 0z. 60 cts. 794 INDIGO-BLUE. New rich shade. Pkt. 10 cts., ½ 0z. 60 cts. 796 KIRG OF THE BLACKS. Pkt. 10 cts., ½ 0z. 60 cts. 798 LIGHT BLUE. Pkt. 10 cts., ½ 0z. 60 cts. 798 LIGHT BLUE. Pkt. 10 cts., ½ 0z. 60 cts.

LORD BEAUGNFIELD. Violet, snauing to where a via even with MAUYS QUEEN. New, beautiful manuve. Pkt. 10 cts., ½ oz. 60 cts. PEAGOCK. Rich blue and purple, edged white; very striking. Pkt. 10 cts., ½ oz. 60 cts. RUBY KING. Superb reddish shades. Pkt. 10 cts., ½ oz. 60 cts. SNOWFLARE. Pure white. Pkt. 10 cts., ½ oz. 60 cts. STRIFEDD. Rich dark shades. Pkt. 10 cts., ½ oz. 60 cts. STRIFEDD. With large black eye. Pkt. 10 cts., ½ oz. 60 cts. 802 804

906 808



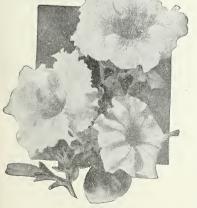
The Petunia is easily grown, and, blooming profusely all summer, is very popular for bedding. It thrives best in a warm, sunny location. Sow seed thinly where plants are to remain, in beds for transplanting, or, for early blooming, in the house in boxes. Almost invariably the weaker plants produce the finer flowers, especially of the choice strains \$12 MIXED COLORS. A fine mixture of the common small-flowered type.

Pkt. 5 cts., ½, 62. 15 cts., ½, 62. 25 cts., 02. 75 cts., ½, 62. 20 cts., ½, 41 FINESY MIXED. A superior mixture. Pkt. 10 cts., ½, 62. 20 cts., ½, 415 STRIPED AND ELOTOHED MIXED. A choice strain. Pkt. 10 cts., ½, 62. 35 cts., ½, 62. 45 cts., ½, 62. 45 cts.

white Pkt. 25 cts.

LARGE-PLOWERED, EXTRA CHOICE MIXED. A superior mixture of large-flowered varieties with beautiful markings. Pkt. 20 cts.

GIANTS OF CALIFORNIA. Strain. Players are of remarkable substance, enormous size and many are beautifully fringed. Of almost every conceivable shade; veined, striped or blotched with some contractions of the contraction of the comprising a large variety of colors, with a good percentage of double flowers. Pkt. 50 cts.



Petunia



ROSS BROS. CO. WORCESTER, MASS.



PHLOX DRUMMONDII

Seed may be sown in the open ground early in the spring, either where the plants are desired to bloom, or in beds, and the young plants set in the the plants are desired to bloom, or in beds, and the young plants set in the result of the second of the se

twice as large

Extra-Choice, Mixed Colors. Our own mixture of the choicest and best strains from different growers. Pkt. 10 cts., 1/4 oz. 30 cts., oz. \$1.00. 831

oz. \$1.00. BLACK WARRIOR. Dark red. Pkt. 10 cts., ½ oz. 30 cts. ISABELLINA. Pure yellow. Pkt. 10 cts., ½ oz. 30 cts. DWARF. (P. Drummondii nana compacta). The plants of this class, growing only 6 to 8 inches high, are considered by many, very

837

growing only 6 to 8 inches high, are considered by many, very desirable for bedding.
FIREBALL. Bright scarlet. Pkt. 10 cts.
SNOWEALL. Pure white. Pkt. 10 cts.
LARGE-FLOWERING DWARF. A new strain, combining the large compact habit of the Nana compact additors type, with the dwarf compact habit of the Nana compact habit of the Nana compact start.
Mixed Colors. Fkt. 10 cts. ½ oz. 30 cts.
STAR, or FRINGED. (P. Drummondii Cuspidata.) A distinct class with petals partly fringed, partly toothed, and some longer than others and regularly placed, give the flowers a star-like shape.
Mixed Colors. Fkt. 10 cts. ½ oz. 25 cts.
Mixed Colors. Pkt. 10 cts. ½ oz. 25 cts.
First Colors of the color of the

for cutting

Mixed Colors. Pkt. 10 cts.

HARDY PERENNIAL PHLOX

Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered above, which are annuals. The seed we offer has been saved from the best varieties and is supplied in mixture only. 847 Choicest Mixed. PEL 10 cts. % oz. 40 cts. PLATYCODON (Chinese Bellflower)

855 GRANDIFLORUM. One of the best hardy perennials, and one of the easiest grown, its propagation being more easily accomplished by seed than by division of the root. It forms clumps and is well adapted to the hardy border. Blooms from July to September. The flowers are large steel blue, rather more open than bell-shaped, 2 to 2½ feet. Fig. 105.

COERULEUM. A hardy perennial, very popular in olden itmes. Easily grown from seed, preferably sown in the fall. Large heads of showy blue flowers from May to August. 2 feet. PRt. 5 cts.



Hardy Phlox

ASHUHUTTAN KATURUTAN KATUT

POPPY

Well-known hardy plants of quick growth, blooming profusely for a considerable time, thriving best on light, sandy loam. Seed of the annual varieties should be sown as early in the spring as possible and where desired to bloom as they do much better when they start to grow in cool weather and are very difficult to transplant. The seed is fine and should be only slightly covered.

SINCLE ANNUAL POPPIES

ADMIRAL. Large, single, peony-flowered variety, glistening white, with broad band of brilliant scarlet at the top. Pkt. 10 cts. ADMIRAL.

DANEBROG, or DANISH CROSS. Brilliant scarlet with white spots at base of each petal. Pkt. 5 cts. 862

THE BRIDE. Large, pure white. Pkt. 5 cts. 866

868 TULIP-FLOWERED. Bright scarlet, cup-shaped flower. Pkt. 5 cts.

870 SHIRLEY. A lovely strain, comprising many delicate and rich shades, ranging from pure white through pink, rose, scarlet and red to the deepest crimson, the darker shades often having a margin of white. Many of the flowers have crimped or wavy petals, all are of fine sliky texture, but of good substance, and the substance of the substance of

SHIRLEY, SANTA ROSA STRAIN. Acknowledged the best and most varied strain in evistence. Unusually large flowers, remarkably clear colors, including new striped, new salmon shades and new bluish ones, all mixed. Pkt.1 cts., 1/4 oz. 25 cts.

UMBROSUM. Rich vermillion with a spot of glistening black on each petal. Very showy. Pkt. 5 cts.

DOUBLE ANNUAL POPPIES.

Mixed. Large, globular flowers, resembling a peony.

CARNATION-FLOWERED. Mixed. Fine, large, fringed flowers of many colors, a popular class. Pkt. 5 cts., oz. 20 cts. 878 880

CARDINAL. Very large, pure cardinal-red; deeply cut, dark green foliage; very attractive. Pkt. 5 cts.

882 GOLDEN POPPY. Striking golden-yellow foliage, and flowers in different shades of red. Pkt. 10 cts.

Pkt. 5 cts., oz. 20 cts. SNOWDRIFT, or DOUBLE WHITE FRINGED. Flowers from 3 to 4 inches across; very double and finely fringed. Pure white. Pkt. 5 cts.

WORCESTER MIXED. Our own mixture of single and double annual varieties. all types and colors. Pkt. 5 cts., 1/4 oz. 15 cts., oz. 50 cts.



Shirley Poppy

PEONY-FLOWERED.

884



EVERYBODY KNOWS

ROSS' SEED GROWS



HARDY PERENNIAL POPPIES

ICELAND POPPIES. Though hardy perennials, generally treated as annuals, blooming the first year, if seed is sown early. Of graceful habit, with fern-like foliage. They bloom profusely, and, if no seed-pods are allowed to form, until October.

890 White and Shades of Yellow and Orange. Mixed. Pkt. 5 cts.,

890 White and Shades of Yellow and Orange. Mixed. Pkt. 5 cts., V₃ oc. 20 cts.
ORIENTAL POPPIES. Extremely desirable for hardy perennial border; gorgeous blooms. Easily grown from seed sown either in late fall, or early spring. They bloom the second spring from sowing, and though their season is short—about three weeks in June they make a very effective display.
892 ORIENTALE. Deep crimson flowers, with blotch of black on each petal. Pkt. 10 cts., V₃ oz. 25 cts.
893 NEW ORIENTALE HYBRIDS. Flowers of enormous size, sometimes 6 inches or more in diameter and of many novel colors. Pkt. 10 cts.

PORTULACA

Well-known tender annuals, blooming profusely all summer. Thrive in most soils and locations, but succeed best in a light, sandy soil and sunny spot, enduring any amount of dry weather. Form a dazzlass DOUBLE CHOICE MIXED. Usually from fifty to sixty per cent of the flowers will come double. Pkt. 10 cts., ½ oz. 40 cts., ½ oz. 55 cts.

895 SINGLE SOARLET. 896 Rose. 897 White. 898 Yellow. Pkt. 10 cts., ½ oz. 20 cts., ½ oz. 35 cts.

898 SINGLE MIXED. Pkt. 5 cts., ½ oz. 25 cts., ½ oz. 40 cts.

PRIMULA

(Primrose)

PRIMULA SINENSIS (Chinese Primrose). A beautiful winterblossom greenhouse perennial and one of the most pleasing for
the home, blooming from December to spring. Wbile its culture is not easy, it is by no means impossible for the amateur
to raise fine, thrifty plants from seed. For early winter blooming seed should be sown the first week in April. Two sowings
are advisable, but the second should not be later than the
middle of May. Sow in well-drained shallow pans or boxes,
using finely sifted loam, leaf mold and sand in equal parts.
Cover lightly and water carefully, but well. Keep molst and
in the state of the stat

900 CHOICEST MIXED. Comprises the finest fringed varieties. Pkt. 35 cts.

PRIMULA OBCONICA. Easily grown. Seed sown in May will produce blooming plants by early fall. A beautiful pot plant and does well in the open ground in a cool, shady location if soil is strong, moist and rich. The treatment is about the same as of the Chinese Primose except that the seeds should be sown in good porous soil, as they do not germinate well in plants should as feel for final potting should be heavy and the plants should be feel in temperature of from 50 to 60 degrees.

901 GRANDIFLORA. Siloms profusely; white, sbatings to lilac. Pkt. 10 cts.

901 GRANDITLOMA. Dioems protusery; write, souting to lime.
Pkt. 10 cts.
902 PRIMULA STELLATA. Star-like flowers borne in clusters, producing a large variety of colors; plants are very graceful and fine for winter flowering. Pkt. 35 cts.

HARDY PRIMROSES

Although known as a hardy perennial, these require in this climate some protection. They may be placed in a cold-frame, or if protected with leaves covered by a box, they will live through our severest winters. They are among the best of the early-blooming plants.

ELATOIR (Polyanthus). Exclent for either pot or outdoor Colors mostly shades of yellow, and red and yellow.

903 CHOIOEST MIXED. Pkt. 10 cts.

904 VULGARIS. True yellow English Primose; canary yellow; fragrant. Pkt. 10 cts.

PYRETHRUM

RHODANTHE

One of the finest everlasting flowers and an excellent plant for garden decoration. If flowers are gathered before they are fully expanded and dried in the shade, they will retain their color for years. Tender annual. I foot. All shades of pink, rose, crimson and white.

Pkt. 5 cts.

ROCKET (Sweet) (Hesperis Matronalis)

Hardy perennial plant of easy culture, bearing clusters of purple or white fragrant flowers. 1½ feet. 921 Mixed. Pkt. 5 cts.

RUDBECKIA

(Cone Flower) (Cone Flower)

To this family belong the favorite plant, Golden Glow, and the well-known wild flower, Black-eyed Susan, or Yellow Ox-Bye Daisy. Both the annual and the perennials are of the easiest culture and grow in nearly all soils and situations, thriving alike in partial shade or fully exposed to the sun.

2928 HOOLOR SUPERBA. Free-blooming annual of dense, bushy growth, bearing on long stems, large, bright yellow flowers with velvety brown spots at base of petals, and disc or cone of brown. Excellent for cutting. 2 feet. Pkt. 5 cts.

2928 NEULYMAI. Large, golden yellow flowers, with marcon cone. Very feet. Pkt. 15 cts.

2929 PURFUREA (Echinaces; Giant Purple Cone-Flower). Large flowers, about 4 inches in diameter, reddish purple, with large cone of brown. Hardy perennial. 3 feet. Pkt. 15 cts.

perennial. 3 feet. Pkt. 15 cts.

SALPIGLOSIS

SALPIGLOSIS

(Velvet Flower; Painted Tongue)

Graceful- half-hardy annual, bearing from August to October, richly colored, funnel-shaped flowers, ranging from deepest purple to almost black and blue, through various shades of red, brown and yellow, to creamy white, usually warder stems, and are excellent cutting, keeping well in water, one on long so sown in the house the last of March or in the open ground in May. The plant succeeds best in deep, rich, rather light loam of medium moisture. 2 feet.

928 GRANDIFLORA. Choicest mixed. Extra large flowered strain. Pkt. 5

Cts. 76, 02. 20 Cts.

929 EMISTER AND ALL STRAIN COLORS. New type with one thick leading stem, flowers arge and distance in their beautiful veinings of gold. Pkt. 10 cts., % 02. 20 cts. 30 cts.

oz. 30 cts.

SALVIA

(Scarlet Sage)
A mass of bloom from late summer until killed by frost; tender perennial,

A mass of bloom from late summer until killed by frost; tender perennial, treated as an annual. Seed should be sown early indoors, or in hot bed and the plants set out when the weather has become warm.

325 SPLENDENS GRANDIFLORA. The well-known Scarlet Sage. 3 feet.
FR. 10 cts., ½ oz. 40 cts.
936 BONTIER (Clara Bedman). Compact bushy growth blooms earlier and STREN STRENGE COMPACT STRENGE COMPACT STRENGE STRENG



ROSS BROS. CO. WORCESTER, MASS.



SCABIOSA (Mourning Bride)

The flowers are large and double with a great variety of colors. Of easy culture and blooms freely from July until hard frost. Hardy annual. 2½ feet, 945 LARGE-FLOWERED. Mixed Colors. Fine, large, double flowers in a wide range of colors. Pkt. 5 cts., ¼ oz. 15 cts.
947 CAUCASICA. Flowers large, pale lilac, about 3 inches in diameter, in bloom all summer. Pkt. 10 cts., ½ oz. 40 cts.
SCARLET RUNNER. See Beans—Ornamental varieties.

SCHIZANTHUS (Butterfly, or Fringe Flower)

Beautiful, dainty, half-hardy annual. Seed may be sown in the open ground or in the house, and the plants set in the garden in May. Should be planted in a sheltered place or the plants ited to stakes, as the stems are very brittle and easily broken by strong winds. An excellent house-plant. 1 to 1½ feet.

948 GRANDIFLORUS HYBRIDUS. Very fine varieties. Pkt. 10 cts.
949 WISETOKENSIS. Containing the most beautiful shades of white, pink, rose and crimson. Excellent for pot culture. Pkt. 25 cts.

SENSITIVE PLANT (Mimosa Pudica)

UDICA. Globular heads of small pink flowers. Grown chiefly for the peculair habit of the plant, the leaves closing and drooping at the slightest touch. Tender annual. 1½ feet. Pkt. 5 cts. 950 PUDICA.

SHAMROCK

950A True, small-leaved variety. Imported seed. Pkt. 10 cts., 1/4 oz. 40 cts.

SILENE (Catchfly)

Profuse flowering plants of arguettin Season of the annual sorte may be sown in the promising any in the same relative to the flowering the start bloom is destread. Some in the same plants of the same plants from July to September. White, pink and red. 1½ feet. Pkt. 5 ct. Mixed colors. White, rose and red. 1 argely used for edgings. May to August. 6 inches, Pkt.

5 cts.

Stock 977 RED SUNFLOWER. The new Red Sunflower is easily grown from seed the same as all of the Helianthus family, and usually thrive in any sunny location with ordinary garden soil. Colors are not truly fixed and may produce some yellow blooms, but the larger proportion are of a fine red, tipped yellow. Pkt. 15

the larger proportion are of a fine red, tipped yellow. Pkt. 15 cts. 4, 6 c. 30 cts. 4 cts. 4

988 MAXIMILIANA. Flowers clear yellow with several rows of large petals and full center; continues in bloom late in the autumn. Hardy perennial. 6 feet. Pkt. 10 cts., 1/8 oz. 25 cts.

SMILAX

955 SMILAX. A climbing plant, unsurpassed for its graceful foliage and orange-blossom fragrance of its flowers. Makes a fine pot or basket plant. Elegant for table decoration when cut. Pkt. 10 cts. SNAPDRAGON. SNAPDRAGON. See Antirrhinum. SOLANUM CAPSICASTRUM. See Jerusalem Cherry.

STOCK

(Gilliflower)

One of the most popular annuals remarkable for its profusion of bloom, brilliancy and diversity of colors and lasting quality of its flowers. Plants from seed sown inside in March or April commence to bloom in July and those from seed sown in the open ground in about ten weeks, and continue until frost. Plants grown in rich soil and well cared for, produce 80 to 90 per cent. of double flowers.

and well cared for, produce 80 to 90 per cent. of double flowers.

557 BEAUTY OF NICE. Mammoth flowering. Delicate flesh pink, extra large spike. Pkt. 10 cts.

558 MONT BLANC. Purest white. Pkt. 10 cts.

561 SUMMER NIGHT. Rich deep blue. Pkt. 10 cts.

662 CHOICEST MIXED. Pkt. 10 cts.

DEESDEN PERPETUAL, or BRANCHING (Cut-and-Come-Again)

A perpetual blooming class of branching habit; double, fragrant flowers. 2 feet.

667 CHOICEST MIXED. Pkt. 40 cts.

nowers. 2 feet.

nowers

STOKESIA CYANEA

(Cornflower Aster)

LUE. A beautiful, hardy perennial, growing about 2 feet high and bearing from August to hard frost, beautiful centaurea-like layender-blue flowers among the best for cutting. Pkt. 10 cts. 974 MIXED. Containing many new colors. Pkt. 10 cts.

SUNFLOWER HELIANTHUS

The Sunflower grows well in all sorts if fully exposed to the sun. The tailer varieties make excellent background to other plants. 975 CUCUMERIFOLIUS (Miniature Sunflower). Small, single flower, rich yellow. 4 feet. Pkt. 5 cts., ½ oz. 15 cts. 976 GLOBOSUS FISTULOSUS (Globe or Dahlia Sunflower). Flowers

large, double, of a rich saffron color. 6 feet. Pkt. 5 cts., ½ cz. 25 cts.

Sweet Peas

Grandiflora or Standard Varieties

Sweet Peas succeed best when planted very early in the spring. The soil should be at least of medium fertility and well prepared. Sow thickly in drills about 5 inches deep, but cover with but 2 inches of soil, filling the drill when plants are a few inches high. Seed may be sown in either single or double rows, the latter being preferable because more economical of space, and requiring only half as much material for support of the vines. For this purpose poultry netting is often used, but brush is better. The season of blooming will be prolonged if all flowers are cut and seed-pods not allowed to form.

All of the following varieties at uniform price. Pkt. 10 cts., oz. 20 over 10 cts., vi. 10, 6 cts., vi. 10,

1135 LADY GRISEL HAMILTON. Soft lavender, tinted with mauve

in standard.

1155 LOVELY. Soft shell-pink, a beautiful flower.
1220 PRIMA DONNA. The popular clear pink.
1290 WHITE WONDER. Pure white; many double flowers.



EVERYBODY KNOWS ROSS' SEED GROWS



The Spencer Waved or Giant Orchid-Flowered SWEET PEAS

Spencer Sweet Peas grown under the right condition should produce robust plants attaining a height of from 5 to 8 feet and for full development should not be less than six inches apart.

There are hundreds of the Orchid-flowered varieties of Sect Peas;
There are hundreds of the Orchid-flowered varieties of characteristic which all first class sorts should have. Our list contains only those varieties which we have found to be worthy of the growers best attention and are selected because of some special merit.

All at uniform price except where noted. Pkt. 10 cts., ½ 0z. 20

APPLES, 0z. 35 cts., ¼ 1b. \$1.00, postpaid.

APPLES, 0z. 35 cts., ¼ 1b. \$1.00, postpaid.

APPLES, 10 cm and 10 cm an

Spencer form.

Spinior form.

ASTA OHN. Large flowers, waved and fluted in the standard with very large wavy wings, lavender, suffused or tinted with mauve; superior to any other lavender.

AURORA SPENCEE. Enormous flowers, both wings and standard much waved or fluted; ground creamy white, beautifully flaked and mottled, rich orange-salmon.

BARBARA. An excellent sort for exhibition or table decoration; a large sulmoi-crange soil and much superior to Earl Spencer, as BLANCHE FERRY SPENCER. Closely resembles the variety of the older type. Large, well waved and crinkled.

BLUE PICOTTE. Almost pure white except for a narrow edging of violet blue on the standard and wings. Flowers large and of fine form.

CONSTANCE HINTON A beautiful white Spencer of enormous size.

Young flowers usually tinted a trifle pink, but they soon turn pure



King White





Lovely

DECORATOR Of vigorous growth, the vines flower profusely, bearing on long stems three and frequently four beautifully waved flowers. The color is rich rose overlaid with terra-cotts, intensifying to deep bright orange at base of

DOBBIE'S CREAM. Rich primrose, perfect form, waved edge, usually four flowers

DOBBLE'S CREAM. Each primrose, petrect form, waved edge, usually four flowers on a stein.

DOBLE'S GUNDROOF CRIMSON. Flowers are large, and of fine Spencer form. DUPLEX SPENCEE. Froduces uniformly large, waved flowers of true Spencer type. In color, both the standard and wings are a rich cream pink, and practically all the petals give flowers with double or triple standards. On the sprays of four blooms each (of which there is a great number) the two lower flowers are double, while sometimes three of the flowers are double. The three bloom sprays give the one or two lower flowers with twin or triple standards. Even the flowers are which have only a single standard are magnificent being all uniformly waved and crimped, both in standard and wings.

ELERIDA PEARSON. The two wers and of extra large size, great substance and invariably borne in fours. The vines bloom in wonderful profusion, and are of such vigorous growth that the flowers frequently come with double standards. The color is lovely pink throughout, the buds and flowers being tinted with salmon-pink.

ETTA DYKE. A superior strain of "White Spencer," larger, whiter, and better frilled.

TrilleC.CROSS. This sensational novelty was exhibited in 1916 and was received with great favor by the experts, and is now offered to the public as one of the leaders. The flowers are of good size and beautifully waved, but its greatest merit is its color, a brilliant fiery-scarlet, and its well-deserved name is truly

descriptive.

An observation of purple than the control of purple than the criginal Flora Norton. Large, both standard and wings are wavy. FLORENGE NIGHTINGALE. Best soft lavender. HELEN LEWIS (Orange Countes). Standard crimson-orange, wings orange-rose, HERCULES. A magnificent soft rose-pink. The standard frequently measures two and one-half inches in diameter.

two and one-half inches in diameter.

ILLUMINATOR. A rich and charming new color, produced by a ground color of salmony-orange overlaid with bright cerise-pink, the effect being a glowing orange-scarlet; flowers uniformly large.

KING EDWARD SPENCER. Rich crimson-scarlet, large and of fine form; the

KING EDWARD SPENCER. Each crimson-scartet, targe and or nne torm; the best of this color.

In this color, and the color and the

LADY EVELYN EYRE. Color a lovely shade of blush-pink on white ground, slightly deeper toward the edges, and with a slight suffusion of light salmon. LAVENDER GEO. HERBERT. The flowers at first have a manyer tint which soon A most useful variety for all purposes. disappears.



ROSS BROS. CO. WORCESTER, MASS.





Flora-Norton Spencer

SPENCER VARIETIES AND SEEDLINGS MIXTURE

This is a superb mixture of Spencer or Giant Waved Flowered varieties. It contains not only the named kinds, but many of the unnamed seedlings. It must be remembered that the Spencer sorts do not come as true as the old standard kinds, but memoered that the spencer sorts ao not come as true as the oid standard kinds, but a very large percentage will be of the spencer type with a waved flower. This is the very best mixture that you can buy and is well worth the difference in price. Postpaid, pkt. 10 cts., oz. 25 cts., ½ lb. 75 cts.

SWEET PEA MIXTURES

OUR BEST MIXED

1295 This mixture we make up ourselves of the choicest large flowered varieties, including the best of the standard varieties, all of the varieties of the New Giant and Orchid-Flowered, both of the Spener and Univin Types and many of the unnamed Speners. This mixture comprises all shades, but is blended in carefully studied proportions and is the most desirable and popular mixture which can be produced. Pkt. 10 cts., oz. 15 cts., ½ lb. 50 cts., by the control of the lb. \$1.75.

SPENCER SWEET PEAS -Continued

LOVELY SPENCER. Soft shell-pink, shading to blush and almost white at the edges; large and wavy.

almost white at the edges; large and ways.

MARGARET ATLEE. The largest and finest Sweet Peas
yet introduced. It is a rosy salmon-pink on a creamy
buff ground; a rich soft color, and extremely attractive,
both as individual flowers and in the bunch. The
wings are also large, way, and frequently double. The
yings are also large, way, and frequently double. The
four blossoms to a stem; well poised and graceful.

MARTHA WASHINGTON. Most beautiful; blush-white, veiled with rosy-pink deepening into a contrasting marginal zone of tyrian-rose.

MAUD HOLMES. An unsurpassed "Supproof" crimson. NEW MAGARET MADISON. A large, perfect Spencer, of delicate azure blue, slightly tinted with mauve. The mauve tint shows only in the newly opened blossoms and the fully expanded flowers are clear light-lavender.

OTHELLO SPENCER. Of immense size with large drooping wings and large wavy standard; rich maroon, very dark. ROYAL PURPLE. A new shade in Sweet Peas, a rich purple and almost a true royal purple. The same shade effect does not exist in the grandiflora type.

STIRLING STENT. A rich, deep metallic salmon suffused with orange. A beautiful Spencer, especially in artificial

light, requiring shading to show true color. THOMAS STEVENSON. The flowers are of largest size and true Spencer type. The standard is an intense flaming orange, while the wings are rosy carmine, shaded orange. Very vigorous.

VERMILION BRILLIANT. A brilliant scarlet Spencer of splendid form. The standard is very bold and beautifully waved. On account of its brightness this is a very telling color and should be in every collection.

WARRIOR. Deep chocolate, almost black, unequalled for mixing with other shades for bouquets and table decora-tions. The darkest Sweet Pea introduced.

tions. The darkest sweet Fea introduced.

WEDGEWOOD. This is a unique shade of lovely light blue and completely eclipses the Flora Norton Spencer. The flowers are well waved in both standard and wings and are borne almost uniformly in sprays of four upon long, stout stems. Wedgewood is a color long sought for in Sweet Peas and has been eagerly welcomed by lovers of this beautiful annual.

WHITE SPENCER. Pure white. Of the largest size, has beautifully poised wings and the standard is erect and wavy. Stems often 12 inches long.
Price of above: Pkt. 10 cts., ½ 0z. 20 cts., 0z. 35 cts., 1/4 lb. \$1.00.

EARLY FLOWERING SPENCERS

Price, each, pkt. 15 cts., oz. 75 cts.

EARLY HEATHER BELL. The color is a rich and pleasing mauve, but after standing in water the color becomes a beautiful mauve lavender.

BARLY SONGSTER. A splendid lavender, the color of "Masterpiece," and quite the best lavender. The flowers have less mauve than in our well-known variety, "Asta Ohn." They are of perfect form.

EARLY SNOW FLAKE. As its name indicates, this is pure white and is quite the best early flowering White Spencer. Flowers come on long stems. This variety is appreciated by all florists.

YARRAWA. A Sweet Pea novelty of sterline merit, com-ing from Australia. The flowers are waved, of large size, many of them being double. Color, a soft, bright rose pink with a creamy base. One of the best for forcing under glass, and when grown out of doors blooms two weeks earlier than the Summer Spencers.

EARLY PINK AND WHITE. Giant pink and white.

CHOICE MIXED

1296 Also prepared by us; a well-blended mixture, compris-ing many of the large-flowering varieties of the older great variety. The mixture will compare flavorably with those generally offered at a higher price, and a surpassed only by mixtures which, like our Best Mixed, contain the new orchid-flowering varieties. Pkt. 5 cts., oz. 10 cts., ½ lb. 35 cts., lb. \$1.55.





SWEET WILLIAM (Dianthus Barbatus)

A splendid hardy hiennial with large trusses of sweet and A splendid hardy hiennial with large trusses of sweet and scented flower produced in abundance. Seed should be sown at any time from early spring to the last of August, the late ing to the figure of the last of August, the late ing to the full extent the following summer. 1½ feet.

1300 SINGLE MIXED COLORS. Pkt. 5 cts., ½ oz. 15 cts.
1302.HOLDON GLORY. A new strain of the auricular-eyed section; both the head and individual flowers are of the largest size and each of the latter shows a clear white

the largest size and each of the latter shows a clear white eye; of an exceedingly wide range of colors. Pkt. 10 cts., ½, 02. 25 cts.

1308 DOUBLE LARGEST-FLOWERED. Choicest mixed. A greatly improved strain. Pkt. 10 cts., ½, 02. 25 cts.

1309 SCARLET BEAUTY. A very effective, rich, deep scarlet variety. Pkt. 10 cts. Pkt. 10 cts. 25 cts. 1310 EVERBLOOMING HYRED (Dianthus latifoline streece-

free from seed. Color, intense crimson, scarlet; a really fine hardy plant of very easy culture. Pkt. 10 cts.

THUNBERGIA

1315 MIXED. An annual vine, growing about 4 feet high, bearing medium-sized flowers, white, buff or orange, with dark eye. Largely used in hanging baskets or window boxes, Pkt. 10 cts.

TRITOMA

1317 TRITOMA (Red-Hot Poker Plant, or Flame Flower). H. P. Magnificent, large spikes of orange-red flowers, attaining a hight of 4 feet, effective in single clumps or among shrubbery. Pkt. 10 cts.

VERBENA

Favorite annuals, thriving in nearly all soils. Useful for beds, borders, carpeting ground and vases. Plants from seed sown in open ground in May will begin to bloom in August, and those sown inside in March will bloom from June until

1320 MIXED COLORS. A good strain, all colors of old type.
Pkt. 5 cts., 1/4 oz. 25 cts.
1321. MAMMOTH MIXED COLORS. Comprises the best large

flowering sorts of many colors. Pkt. 10 cts., 1/8 oz.

1322. SCARLET DEFIANCE. Large trusses of deep, rich scarlet. 1323 MAMMOTH WHITE. Truss and flowers large; fragrant. Pkt.

1324 TRALIAN STRIPED. Large trusses and medium-sized flowers;
each distinctly striped. Pkt. 10 cts.

"BURBANK'S GIANT MAYFLOWER." A selected strain
from Luther Burbank, having a powerful fragrance like that
of the Trailing Arhulus. The flowers are of the largest size
of the Trailing Arhulus. The flowers are of the largest size
1326 LEMON. An old favorite with delightfully scented toliage.
It is a low-growing tender plant and may be grown in the
garden in summer and in pods in winter. Pkt. 10 cts.

VERONICA

VERONICA

1330 One of the prettiest of the spring flowering herbaceous plants, bearing pretty blue flowers on long spikes. Valuable both for the garden and for cut flowers. They should be in every garden. Flatdy pereamin mixed. Fat. 10 cts.

VIOLA CORNUTA (Tutted Pansies)

Flowers are not so large as the Pansy proper, but is very desirable, as it blooms profusely, and is more quickly and easily grown. Seed sown in April will produce blooming plants in June that will be covered with flowers for a long time, and, if planted in cool, moist soil, partly shaded, nearly all summer.

1335 MIXED TUPTED PANSIES. Finest mixture of all colors. Pkt.

10 cts., ½ 0.2. 35 cts., ½ 0.2. 60 cts.

WALLFLOWER

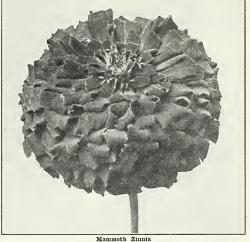
Half-hardy perennial. A universal favorite in England. Though a fine hedding plant, is not well-known in America. It is more often grown as a pot plant and for this purpose is well adapted. The flowers are very often fragrant and usually of various shades of yellow, brown and reddish brown. Seed may be sown in the open ground in the spring when warm, and, if given about 12 inches of room, will make strong, stocky plants for winter bloom.

1840 SINGLE. Mixed Colors. Pkt. 50 ets.
1841 PARIS EFRANAMEN. Sixed Colors. Pkt. 10 ets.
1842 PARIS EFRANAMEN. Sixed Colors. Pkt. 10 cts.
1843 PARIS EFRANAMEN. Sixed Colors. Pkt. 50 ets.
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1844 PARIS EFRANAMEN. Sixed Colors. Pkt. 10 ets.
1844 PARIS EFRANAMEN. Sixed Colors. Pkt. 10 ets.
1845 Pkt. 10 ets., ½ oz. 20 ets.
1847 Pkt. 10 ets., ½ oz. 20 ets.

WILL CHICHINEED VINE

WILD CUCUMBER VINE

1346. WILD (Echinocysts lobata). One of the most rapid-growing of all annual climbers and blooms early in the season and continuously until fail. Of the easiest culture, growing wild able annual climbers for quickly covering any unsightly object; growing 30 feet, and covered with small, white fragrant flowers, followed by an abundance of prickly but ornamental seed-pods, it at all times presents a striking and effective appearance. Seed may be sown either in the fall or spring. Pkt. Scts., ½ oz. 16 cts., oz. 20 cts.



ZINNIA

(Youth and Old Age)

Old-time favorite annual; easily grown from seed and transplanted readily. Showy flowers in profusion all summer. Fine for bedding, borders or among shrubbery.

oz. 50 cts., va. cz. 50 cts.

MAMMOTH FLOWERED ZINNIA

These grand annuals are of the Giant or Mammoth flowering type and are in every way superior to the old-fashioned "Youth and Old

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers, measuring from 4 to 6 inches in diameter. Giant Zinnias are one of the best plants for beds, borders

and cutting.

1351 Mammoth Crimson. 1352 Mammoth White. 1353 Mammoth
Scarlet. 1354 Mammoth Yellow. Each, pkt. 10 cts., ½ oz.

1358 MAMMOTH. Mixed Colors. Pkt. 10 cts., 1/4 oz. 25 cts., oz.

1360 To CES AND AND CHESTED. A Pleasing variation from the regucolors. 2½ feet. Pkt. 10 cts., ½ oz. 25 cts.
1362 ZEBRA. Striped flowers the colors varying on each plant.
Pkt. 10 cts., ½ oz. 25 cts.
1363 LILLIPUT (Pompon). Small, double flowers of many colors.
Very profuse. 1½ feet. Pkt. 10 cts., ½ oz. 25 cts.
1364 HAAGEANNA fl. pl. (Mexican Zimin). A distinct type with
small pretty, double, and semi-double flowers, which would
the color of the colors of the colors of the colors of the colors
type. Of dwarf and slender growth, the plant is excellent for
bedding, while the deep orange flowers are good for cutting.
Pkt. 10 cts.
WILD FLOWED CADDIEN MIVUTIDE

WILD FLOWER GARDEN MIXTURE

WILD FLOWER GARDEN MIXTURE

A mixture of many free-blooming annuals, which, once sown, require little care, and sown in this way, almost none. In fact, with the exceptions of thinning out some plants where they grow too thickly and removing an occasional weed, the bed often looks better let alone, is more in keeping with its name, and more life this mixture are great, the different seasons of blooming insuring constant succession of oflowers from early in the season until hard frost, and in the height of bloom, some new flower nearly every day. It affords a very easy and cheap way to quickly fill large areas of any unsightly place, and the results will surprise those who never saw a wild-twenty expensive properties of the properties of the



ROSS BROS. CO. WORCESTER, MASS.



GLADIOLUS

In diversity, beauty and magnificance, no other flower which can be so easily grown and with which success



Peace

is so nearly certain, can at all times compare with the Gladiolus. The range of colorings and markings is practically unlimited and especially since the introduction of the thousands of new seedlings, may the claim be made that the varieties are numberless. As a cut flower for vases, within the scope of the amateur no other flowers equal the Gladiolus in striking and effective appearance. And in lasting quality but few, if any, compare. If the spikes are cut when only the lower flowers are open they will last for a week, the upper buds opening when kept in fresh water as well or better than when left to open outdoors.

Culture.-Plant in full exposure to the sun. A light, moist soil one year from sod is the most desirable, but the Gladiolus thrives well in nearly all soils, the exception being a stiff, clayey one. While soil should be well enriched, avoid using fresh manure; use only that which is well rotted. Much the better way is to use land that was well manured the previous year, using none at the time of planting, but giving afterward one or two applications of commercial fertilizer. If possible avoid planting

in the same place for three years.

If space is limited, bulbs may be planted in double rows, four inches between the rows and two inches apart in the row; they are, however, more generally planted in single rows about one foot apart, two, three or four inches deep, according to size. The first planting may be made by the middle of April, and successive ones till the first of June, but for the late planting bulbs should be reserved.

AMERICA. One of the finest Gladiolus known. The plant is of vigorous growth, with luxuriant foliage and producing spikes two to three feet long.

The flowers are very large and of an exquisite shade of soft flesh-pink. Each 8 cts., doz. 90 cts., 100 \$6.50.

ATTRACTION. Deep, dark rich crimson, with a very conspicuous large pure white center and throat. At once a most beautiful and attractive sort. Each 8 cts., doz. 90 cts., 100 \$6.50.

BARON HULOT or BLUE A really fine blue KING. Gladiolus, in color a rich, royal violet blue, very effect-ive when cut and used in conjunction with Sulphur King

or other yellow variety. Each 10 cts., doz. \$1.00, 100 \$7.50. EMPRESS OF INDIA. Rich, velvety maroon with white blotch in the throat; the darkest Gladiolus. A very handsome flower. Each, 10 cts., doz. \$1.00; 100, \$7.50.

EUROPA. Snowy white, the finest pure white variety yet offered. Awarded certificate of merit at London, Berlin and Paris. Each, 15 cts., doz. \$1.50. FLORA. Beautiful golden yellow, large pure flowers. Each, 20 cts., doz. \$2.00.

GOLDEN WEST. One of the best exhibition varieties on account of the variety of markings, the color being a clear orange scarlet, the lower petals striped and blotched with golden yellow faintly suffused with violet shadings. Each, 8 cts., doz. 90 cts., 100, \$6.50.

GLORY OF HOLLAND. Very fine, white, tinted rose. Each 8 cts., doz. 90 cts., 100 \$6.50.

HALLEY. Delicate salmon-pink predominates, with a slight rosy tinge, lower petals have a creamy blotch, with a bright red stripe in center. Each, 8 cts., doz. 90 cts., 100, \$6.50.



Glory of Holland





GLADIOLUS - continued

All Gladiolus sent postpaid at prices quoted

LOVELINESS. Rich creamy white suffused with soft rose pink; lower petals pale yellow, lines of carmine. One of the

ELOVELINESS. Kich creamy white suffused with soft rose pink; lower petals pale yellow, lines of carmine. One of the finest. Each 15 cts., doz. \$1.50.

MRS. DR. NORTON. Very large and well open flowers, well set on a tall and graceful spike, four to eight flowers in bloom at one time. Cloro white, the edges suffused with soft La France pink. The three lower petals have a blotch of sulphur yellow, stained at the base with fine specks of Tyrian pink. Strong and vigorous grower, and very free flowering. Each, 60 cts.

MRS. O. W. HALLADAY. Delicate soft silky pink with creamy blotch. One of the finest florist varieties. Each

25 cts., doz. \$2.50.



MRS. FRANK PENDLETON. Large open flowers of light pink with dark red blotch at throat. Flowers well set on exceedingly tall spike. A very attractive and strong growing kind. Each, 10 cts., doz. \$1.00, 100, \$7.50. MURIEL—When in full bloom a beautiful orchid shade, with purple blotch on lower petals. Each 40 cts., doz. \$3.50.

NIAGRA. A shade of rich cream combined with canary yellow; the individual flowers are very large and are borne in pairs, one opposite the other. Each 8 cts., doz. 90 cts., 100, \$6.50.

PANAMA (Seedling of America). Long spike, color deeper pink than America, admired by all who have seen it in flower. Each 8 cts., doz.

90 cts., 100 \$6.50. PEACE. Fine large white with wine pencilings on lower petals. Very good

Strong and healthy. Each 10 cts., doz. \$1.00, 100, \$7.50. KUNDERDI GLORY. Color delicate cream pink, each lower petal having

an attractive crimson stripe through the center, each petal being ruffled and fluted. Each, 10 cts., doz. \$1.00, 100 \$7.50.

LE MARSHAL FOCH. Flower is of immense size, well opened and beautifully ruffled. The color is a warm salmon pink, flaked and striped deeper salmon towards the edges of petals. It is a most unusual and striking · flower, and is universally admired. Each 40 cts., doz. \$3.50.

RED EMPEROR. Very large flower of brigh scarlet color. A choice red. Each,

15 cts., doz. \$1.50. SCHWABEN. Canary yellow shading to sulphur; stripes of carmine on lower petals. Blossoms large. Stalk tall and straight. Each 10 cts., doz. \$1.00, 100

PRINCE OF WALES. Beautifully shaded apricot, with brush-marks of orange on a yellow-tinted throat. Perfect in form, large in size, with a good stem, and one of the first to bloom. Each 10 cts., doz. \$1.00, 100 \$7.50.

Deep blood red, shaded crimson. One of the largest and finest of the red Gladioli. Each 10 cts., doz. \$1.00, 100, \$7.50. WHITE GIANT, large pure white,

very tall. \$2.50. Each 25 cts., doz.

YELLOW HAMMER, pure yellow with a little red mark in the throat. Each 10 cts., doz. \$1.00, 100, \$7.50.

Our Worcester Mixture Better than ever.

A mixture of our own preparation comprising many named varieties, selections from all classes, unsurpassed in diversity of both

colors and types and in quality of flowers. Includes a good proportion of white and light shades and well balanced generally in proportion of colors. We consider this mixture the best value we offer. Doz. 60 cts., 100 \$4.50.

OUR CHOICE MIXTURE. We are making this just as good as we can for the price. It does not contain all the vareties which are included in the Worcester mixutre, but it has been our purpose to make this better each year, and we know that this season it will be the best mixture that can be

purchased for the price. Doz. 40 cts., 100 \$3.00. PRIMULINUS HYBRIDS. The original of this type introduced in South Africa has been very much improved by crossing with choice garden varieties and the mixed hybrids which we offer are sure to produce some beautiful flowers. The colors are bright and varied with an undertone of yellow; from pure yellow to the deepest orange and from soft salmon pink to rich crimson. Each 6 cts., doz. 60 cts., 100 \$4.50.



Kunderdi Glory



ROSS BROS. CO. WORCESTER, MASS.





Decorative Dahlias

All Dahlias sent postpaid at prices quoted.

This class includes all large, loose flowering varieties which do not properly belong to the Cactus class. They are of very free-blooming habit and flowers are usually of the largest size. Decorative Dahlias are large, flat, and full to the center; petals quite irregularly situated, long,

habit and flowers are usually of the largest size. Decorative Dahlas are large, flat, and full to the center; petals quite irregularly situated, long, broad flat and nearly straight.

For the decoration, or for cut flowers this variety is especially good, having good stems and producing flowers in great abundance. Is one of the earliest to blossom. Each 35 cts., doz. \$3.50.

JACK ROSE. Brilliant crimson-red, similar in shade to the well-known of the earliest to blossom. Each 35 cts., doz. \$3.60.

JACK ROSE. Brilliant crimson-red, similar in shade to the well-known of the earliest of blossom. Each 35 cts., doz. \$2.00.

EANNE CHARMET. A best for cutting. Each 20 cts., doz. \$2.00.

EGANNE CHARMET. A best for cutting. Each 20 cts., doz. \$2.50.

LYNDRURST. Fiery scarlet, very free bloomer, each core, doz. \$2.00.

SYNDRURST. Fiery scarlet, very free bloomer, 200 cts., doz. \$2.00.

MINA BURGLE. Beautiful deep glowing crimson, finest crimson variety in existance; good for cut-flower purposes, having long stems, and being extra free-flowering. Each 35 cts., doz. \$3.50.

MINOS. One of the finest Dahlias to date. The flowers. The color is intense velvety maroon, almost black. An ideal cut-flower variety. Fine for all uses. Each 20 cts., doz. \$2.00.

MIME. VAN DEN DAELE. A grand Dahlia of highest Decorative type. Flowers large, of extra fine form, and produced upon exceptionally good to be the property of the color sould be the extra fine form, and produced upon exceptionally good to be the color.

good stems, well above the foliage. As a cut-cut-flower variety it is unsurpassed. The color, white, deeply edged live silvery-pink.
A Dahlia
which bears
our highest reccommendations Each 25 cts. doz. \$2.50.

SOUVENIR DE GUSTAVE DOUZON. It is the largest Dahlia in existence. The color is a pleasing shade of orange-red. The flowers are full to the center, and Cotton measures the hear and over in diameter, and they can be forced to measure over 12 inches. The plant is a very fall, vigorous grower, with heavy, dark, glossy green foliage, and a remarkable constitution. Very long stems, of pleasing, stiff, upright type. "Souv. de Gustave Donzon should be in every garden. stiff, upright type. "So Each, 20 cts., doz. \$2.00.

W. W. RAWSON. The popularity which this novelty has acquired in the short time it has been on the market, speaks for itself for the superior feature of this flower. The petals towards the center are quilled similar to the "Grand Duke Alexis;" toward the outer part they are more open and flat. The color is pure white, overlaid with amethyst-blue. This wonderful combination gives it the appearance of a delicate lavender. The flowers measure from 7 to 9 inches in diameter. See Illustration. Each 35 cts., 402. \$3.50.

WM. MILLER. Very brilliant purple. This is a fine variety of the Decorative type. Each 20 cts., doz. \$2.00.

YELLOW COLOSSE. An ideal Dahlia that appeals to everyone on account of its distinct color, gigantic size and beautiful appearance. This magnificent variety is the best exhibition yellow in existence, being rich refined and delicate. Large, showy flowers of pure primrose-yellow are produced very freely on long, graceful stems. Its golden cup-shaped petals are daintily arranged, completing this beautiful, perfect flower. Each 35 cts., doz. \$3.50.

POMPON OR BOUQUET DAHLIAS

20 cts. each, \$2.00 per doz.

Small-flowered varieties; the best of all for cutting, blooming more freely and usually having extra-long stems. The flowers are of the same form as the Show Dablia

AMBER QUEEN. Rich, clear amber, shaded apricot, extra free-flowering; one of the very best

DARKEST OF ALL. Nearly black, fine form, free.

FAIRY QUEEN. Sulphur-edged pink, exceedingly free-blooming.

SNOW CLAD. Small white. Free.

SAN TOY. White, very heavily tipped carmine.

SUNBEAM. Crimson-scarlet, extra fine, one of the best.



W .W. Rawson

MIXED DAHLIAS

Postpaid, \$1.25 per doz.; by express, \$1.10 per doz.; \$7.50 per 100.

These include some of our best varieties, those of which labels have been lost, and at times, varieties of which we have a surplus. While all classes are usually which we have a surplus. Which all classes are usually included, we give no guarantee that any lot sent out will include all, nor should it be understood that the customer lab privileged to order those of any one class. We shall however, send a good assortment of colors, and are sure the mixture will be found very satisfactory.





PEONY-FLOWERED DAHLIAS

All Dahlias are sent postpaid at prices quoted. If desi express, 10 cts. may be deducted from dozen prices. If desired by

LA RIANTE. The finest sort for mass effect or hedges; plants LA RIANTE. The finest sort for mass effect or hedges; plants grow 3½ feet high and their flowers are borne on enormously long stems, in clusters from 2 to 4, far away from the foliage; color a deep pink. Each 25 cts., doz. 82.50.

MRS. BOWEN TUPTS. Gigantic deep rosy purple, the best purple. Each 35 cts., doz. 83.50.

QUEEN EMMA. Soft lavender-pink; of refined form and good keeper. Each 25 cts., doz. 82.50.

QUEEN WILHELMINA. The mot satisfactory pure white the plant is extremely free blooming and makes a spiendid companion for "La Riante" as a hedge plant. Each 25 cts., doz. 82.50.

spiedad companion for La Klante as a neage plant. Each 25 cts., doz. \$2.50.

YELLOW KING. Rich clear yellow color, producing large elegant flowers on long, stiff stalks. The general report is, the finest Peony-flowered Dahlia ever shown. 5 ft. Each 60 cts.,



CACTUS DAHLIAS, CHOICE STANDARD VARIETIES

This class is of comparatively recent introduction, and is entirely distinct from any other This class is of comparatively recent introduction, and is entirely distinct from any other class. The flowers are loosely and artistically formed, and very irregular, resembling the Chrysanthemums. Petals long, twisted, and terminating in a point. Some varieties possess nearly straight petals, others are gracefully increased and the control of the

FOREUS ROBERTSON. Beautiful reddish-orange. A very satisfactory variety, flowers having long, straight, star-shaped petals, and in addition to the long petals common to all Cactus, there is a profusion of smaller narrow, threadlike petals, or secondary florets, which intermingle with the main florets, making it one of the most novel. Bach 25 cts.,

G. \$2.50. The finest black Cactus Dahlia in existence. An exceptionally satisfactory alt-round Dablia; one of the most prominent for garden decoration, superb as a cut-droy alt-round Dablia; one of the most prominent for garden decoration, superb as a cut-droy alt-round Dablia; one of the most prominent for garden decoration, superb as a cut-droy, experience of the control of th

doz. \$3.00. USTU. One of the most beautiful to date. The color is perfectly gorgeous, a beautiful velvety maroon. The petals are very long, tightly quilled and arranged in exact regularity, completing an acquisition which we can highly recommend. Each 50 cts, doz. \$5.

Peony Flowered Dahlia

DOROTHY PEACOCK. Beautiful clear live pink, blending to soft shell pink, good florist's Dahila. Bach 25 cts., doz. \$2.50. EMPERS SOF AUSTRALIA. A very reliable variety. The color is pure yellow, slightly tipped a reddish-brown. Of good size and habit; free bloomer. Each 20 cts., doz. \$2.00. GlaDlATEUR. Clear violet shaded blue; a splendid new exhibition variety. Each 25 cts., doz. \$2.50. GRAND DUCHESS MARIE. Rich buff overlaid orange; reverse of petals slightly edged pink. Each 30 cts., doz. \$3.00. GOLDEN AGE. Sulphur yellow. Each 25 cts., doz. \$2.50. LUCY ACCESSED CONTROL OF SULPHISH-marcon, one of the best. Each 25 cts., doz. \$2.50. LUCY ACCESSED CONTROL OF SULPHISH-marcon, one of the best. Each 25 cts., doz. \$2.50. MAUDE ADAMS. The color is a pure snowy white, very effectively.

dos. \$2.50.

MAUDE ADAMS. The color is a pure, snowy white, very effectively overhaid clear delicate pink. This wonderful variety is unsurpassed in quality, in every respect, in reality a model of perfection. We highly recommend this variety. Each 50 cts., doz. \$5.00.

MERLIN. A beautiful orange-scarlet. One of the finest dahlias ever offered. Free-flowering and good for cut-flower purposes. Each 25 cts., doz. \$2.50.

MISS HELEN HOLLIS. A sensational wonder; undoubtedly the largest and finest deep scarlet Show Dahlia in existence. The blossoms are carried on long, stiff stems, well above the first of the companies of the compan

DEEKT BRUGHT AND doz. \$2.00.

FRADELLA. Beautiful deep, purple-crimson. Exceptionally flowering. Stems long and wiry. One of the finest to date.

20 cts., doz. \$2.00.

The most reliable White Show Dahlia to our I show the stems stems. Exceptionally free finest to date. Each STRADELLA.

20 cts, doz. \$2.00.

STORM KING. The most reliable White Show Dahlia to our knowledge; pure white, flowers produced freely upon long stems, well above the foliage. Each 25 cts., doz. \$2.50.

SHOW AND FANCY DAHLIAS

Show Dahlias-These are large, spherical, regular, compact and full to the center. The flowers are either solid, edged, tipped or shaded

Fancy Dahlias-In form and habit identical with the Show Dahlias, but different in arrangement of colors. The flowers are tipped or edged lighter than the ground color, or splashed, striped, mottled and variegated, in every conceivable manner. They often throw a solid flower, on the same plant.

A. D. LIVONI. Beautiful soft pink. Well formed flowers with long stems. Very desirable for cutting. A very reliable old standard varlety, grown by most every dahlia-lover. Perfectly round, ball-shaped flowers, each petal being very tightly quiled, and arranged in exact irregularity. Free flowering. Each 20ts, doz. \$2.00.

ACQUISITION. An exquisite shade of deep lilac. Very large with cup-like petals. Especially good for cut-flower purposes. Each 20 cts., doz. 82.00.
AUGUS MEGAR. The largest and finest shaped lavender-purple Show Dahlia to our knowledge; tall and sturdy. Each 50 cts.,

\$5.00.

DIAMANT. Pure white. Each 25 cts., doz. \$2.50.

ROSS BROS. CO. WORCESTER, MASS.



Best Quality Cannas

Dormant roots of the varieties listed below until May 1st only-unless otherwise noted. Each 20 cts., 3 for 50 cts., doz. \$1.75 postpaid.

Good, strong plants, grown in pots, red, bronzed and green-leaved varieties, our selection, sent by express only-Price, each 25 cts., doz. \$2.75.

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

BRANDYWINE. Foliage luxuriant and of the darkest hue. Flowers large, intense, wine-red, beautifully mottled with deep crimson; two or three petals sometimes narrowly edged with bright gold. 4 to 5 feet high.

THE PRESIDENT. Height 4 feet. in color, a rich, glowing scarlet and the immense, firm rounded flowers, 7 inches across when open, the present of the color of the set. The present of the present of the petals of the present of the petals of the present of the present of the present of the petals of the present of the petals of the present of the p

GREEN LEAVED CANNAS MIXED. A fine mixture of green leaved varieties including many of the best. Each 10 cts., doz. \$1.00.

CALADIUM ESCULENTUM, ELEPHANT'S EAR

A very large-leaved tropical plant of rapid growth. In warm, rich, moist soil, large bulbs will send up several stalks about 5 feet high, with leaves 2½ to 3 feet long and about 20 inches wide. Very ornamental; planted either single or in groups. MAMMOTH BULBS. Each 30 cts., doz. \$3.25. Mailing weight—

each, 1 pound.

CINNAMON VINE

A beautiful hardy climber of extremely rapid growth, growine the first season from 15 to 30 feet and, when the root becomes fully established, to a much greater length. The leaves are green, with tinge of bronze and are very attractive. The flowers are white, borne in clusters, and of no great beauty, but of a delightful cinnamon-like fragrance. The vine dies at the end of the season, but the root is hardy, living for years and increasing in size and vigor each season. Fostpand, extra-large roots, each 10 cts., 3 for 25 cts., doz. 90 cts.

TUBEROSE

Bulbs may be started in the house for early flowers, or they may be planted in the open border, but not earlier than June in this latitude

EXCELSIOR DWARF PEARL. Improved strain; plant of dwarf habit, blooms earlier and flowers are more double than old strain. Extra large bulbs, postpaid, 15 cts. each, 4 for 50 cts., doz. \$1.40.

MADERIA VINE

A rapid-growing climber with beautiful thick, glossy wax-like leaves and bearing profusely in graceful feathery racemes, while flowers which have a fragrance resembling mignorette. Plant when ground becomes warm. Store tubers in a cold, dry place during winter. Postpaid, each 10 cts., doz. 90 cts.

The following are all two year field grown plants and We guarantee our customers satisfaction. These plants will be forwarded direct from the nursery or from our store at Worcester by express, purchaser paying transportation charges.

HYBRID PERPETUAL

75 cts. each: \$6.00 per ten.

AMERICAN BEAUTY—Crimson.
FISHER HOLMES—Large. Brilliant crimson.
FRAU KAEL DRUSCHKI—Large, pure white.
GEN. JAQUEMINOT—Brilliant Crimson.
HARRISON YELLOW—Yellow.
HUGH DICKINSON—Brilliant crimson.
LOUIS VAN HOUTTE—Hed Fragrant.

MME. GABRIEL LUIZET—Silvery pink. Fragrant. M. P. WILDBER—Large. Carmine. Fragrant. MRS. JOHN LAIMG—Soft Pink, large. Fragrant. PAUL NEYRON—Deep rose, very large. PERSIAN YELLOW—Yellow. PERSIAN YELLOW—Yellow. PRINGE CAMILLE DE ROHAN—Dark red. ULRICH BRUNNER—Brilliant cherry red.

HYBRID TEA ROSE

75 cts. each; \$6.00 per ten.

KAISERIN AUGUSTA VICTORIA—Cream white. Fragrant. KILLARNEY—Deep shell pink. KILLARNEY WHITE—Pure white, long pointed buds. MME. CAROLINE TESTOUT—Large. Double. Pink.



Polyantha Roses

65 cts. each: \$5.00 per ten. BABY DOROTHY-Pink. BABY RAMBLER-Red. CATHERINE ZEIMET-White. JESSIE-Cherry red.

Hardy Ramblers

75 cts. each; \$6.00 per ten. CRIMSON RAMBLER. WHITE RAMBLER. YELLOW RAMBLER.

Climbing and Trailing Roses

65 cts. each; \$5.00 per ten. DOROTHY PERKINS-Double pink DR. V DR. VAN FLEET—Flesh pink. EXCELSA—Double. Red. HIAWATHA—Single. Crimson, SILVER MOON-Silvery pink, vellow stamens. TAUSENDSCHON — Large; pink and white. Fragrant. WHITE DOROTHY—White.





FRUIT TREES

Plant your fruit trees now for the years to come. The cost of planting an orchard is very small when you consider the value of this same orchard in a few years from the time of planting. The last few years have proven that there is no better investment for the property owner than orchard planting. Good fruit always commands a good price and always finds a ready market. The poorest and cheapest land will be made valuable in a few years by orchard planting or the planting of small fruit.

All orders for trees will be shipped direct from the nursery by express or freight as ordered.

CASH MUST BE SENT WITH THE ORDER

APPLES NO. 1, 2 AND 3 YR. 11-16 AND UP, 5-7 FT.

Baldwin-Winter, an old favorite. Baxter-Winter, Medium large red, fine qual-

Ben Davis-Winter, Large striped. Delicious-Winter, Bright red, a fine variety. Duchess-Summer, Extremely hardy. Fameuse--(Snow) Small red, excellent. Early Fall.

Gano—Improved Ben Davis, nearly red. Gilliflower—Fall, an old favorite. King—Winter, large red, very productive.

Each \$1.25, Per 10 \$11.00, Per 100, \$100.00 Maiden's Blush-Summer, Pale yellow, an old variety.

McIntosh-Red, well known, the best apple for New England.

No. Spy-Winter, well known old sort. N. W. Greening-Winter, large greenish yellow.

Red Astrachan-Early Summer, fine for all uses.

R. I. Greening-Early Winter, greenish yel-

Rome Beauty-Late Winter, large bright red. Seek-no-further-Winter, medium size striped, fine quality. Spitzenburg—Winter, bright red, striped. Stark—Winter, large, color dull red. Starman's Winesap—Late Winter, red striped Stayman's Winesap-

carmine.
Wealthy—Most valuable fall apple.
W. Banana—Winter, clear yellow banana W. Bu Wolf River-Fall, largest apple grown, tree

very hardy. Vel. Trans.—Summer, early large yellow.

APPLES, DWARF NO. 1, 5-8 AND UP, 4-Each \$1.80, Per 10 \$16.50, Per 100 \$150.00

Bismark-Winter, very large, flesh yellow, bears early.

Duchess—Summer, Extremely hardy, bright red.

Early Harvest-Summer, medium size, pale yellow. Gravenstein-Fall, excellent for eating or pies. King-Winter, large red, very productive.

R. I. Greening—Early Winter, greenish yellow Wealthy—Large, bright red, fine quality. Wolf River—Largest apple grown. Yellow Trans—One of the first to ripen.

CRAB APPLES NO. 1, 11-16 AND UP, 5-7 FT. 2 AND 3 YR. Each \$1.00, Per 10 \$8.50

Hyslop-Large deep crimson.

Transcendent-Medium size red and yellow. Martha-Bright yellow shaded red.

STD. PEARS NO. 1, 11-16 AND UP, STRICTLY 2 YR. 5-7 FT. Each \$2.00, Per 10 \$17.50, Per 100 \$165.00

Bartlett—Summer, large rich golden yellow. Beurre d'Anjou—Late Fall, large yellow blushed dull red. Clapp's Fav.—Fall, very sweet and juicy.

Duchess-Fall, very large, yellow, good qual-Kieffer-Winter, large golden yellow tinted red. Seckel-Late Summer, small, sweet, tree very Flemish Beauty-Fall, sweet, very hardy.

hardy.

CHERRIES NO. 1, 11-16 AND UP, 5-7 FT. Each \$2.10, Per 10 \$20.00.

Early Richmond-Early May, clear bright red, standard sort

Large Montmorency-June, large, red, productive, a good canner.

Governor Wood-June, large light red, juicy and sweet.

PLUMS NO. 1, 2 YR. 11-16 AND UP, 5-6 FT. Each \$2.10, Per 10 \$20.00

Abundance-Early, Japanese, large cherry red German Prune-Mid-season European, large Bradshaw-Midseason, dark red, green flesh. Burbank-Mid-season, Japanese, large red

dark blue. Moore's Arctic—European, small purplish black, very hardy. Red June—Very early Japanese, dark copShippers' Pride-Late, large dark purple,

very sweet. Shrop. Damson-Mid-season, dark purple, juicy and rich.

PEACHES, 1 YR. 9-16 AND UP. 4-5 FT. Each 75 cts., Per 10 \$6.25, Per 100 \$50.00

Elberta-Late, one of the best. oster-Fine flavor, ripens with early Crawford

Greensboro-Very early Niagara-Late fine quality.

Belle of Georgia-Standard white peach. Carman—Large creamy white, very popular. Champion—Mid-season, fine yellow freestone.

dotted vellow, fine quality.

PEACHES, 1 YR. 7-16--9-16, 3-4 FT. Each 60 cts., Per 10 \$5.00, Per 100 \$45.00

Belle of Georgia—Mid-season, white Freestone Carman—Early White Freestone. Champion—Mid-season White Freestone. Crawford's Early—Yellow Freestone. Crawford's Late—Yellow Freestone. Elberta—Large Yellow, Late Freestone. Foster—Early, deep orange red, flesh yellow. Greensboro—Very early White Semi-Freestone Heaths Cling—Very late White. Heaths Cling—Very late White. Mt. Rose—Mid-season, white Freestone,

PEACHES, 5-16-7-16, 2-3 FT. Each 45 cts., Per 10 \$4.00, Per 100 \$35.00

Greensboro-Good sort for home use. Heaths Cling-Best for peach pickles. J. H. Hale-Mid-season large yellow Freestone. Larger than Elberta. QUINCES, NO. 1, 5-8 AND UP

Mayflower-July, White Freestone, highly colored Mt. Rose--A favorite for home use. Niagara—Crawford late type, but larger. Salway—Late, large yellow.

Niagara—Late, Yellow Freestone. Salway—Late, fine Yellow Freestone. Stump—Large, late White Freestone. Triumph—Very early Yellow Freestone.

Champion-Very prolific, fine quality, larger

Carman—Early, large creamy white. Champion—Standard white variety. Crawford's Early—Deep yellow. Crawford's Late—Good late yellow.

Elberta-Standard market peach.

than Orange.

Each \$2.10, Per 10 \$20.00 Orange-Fruit large, yellow, ripens in October 75

Rea's Mammoth-An Orange seedling, Much larger, same form and color,



ROSS BROS. CO. WORCESTER, MASS.



FERTILIZING AND FERTILIZING MATERIALS

This is one of our specialties and we can furnish either ready mixed or unmixed goods for all purposes. Parties wishing for larger quantities than are quoted are requested to write for special price. We can make you very low price on carload of mixed goods, also on Canada Hardwood Ashes. Bone, Lime, Nitrate of Soda and Sulphate of Ammonia. Where we can save the expense of handling and storing this material and can sell on a cash and carry basis, we can compete with anyone selling similar goods.

ROSS BROS. CO.'S HIGH GRADE POTATO AND ONION FERTILIZER.

This is a strictly high grade fertilizer designed for potatoes, vegetables, onions, etc. Can be used without the aid of stable manure.

Guaranteeu Analysis;	
Ammonia	4 %
Total Phos. Acid	8 %
Potash	4 %
Price: Per 100 lbs. \$3.50; Per ton \$57.00.	

ROSS BROS. CO.'S CORN, GRAIN AND GRASS FERTILIZER

A high grade fertilizer, especially recommended for corn, also for seeding to grass and grain,

Guaranteed Analysis:

Price: Per 100 lbs. \$3.00; Per ton \$53.00.		, .
Potash	1	%
Total Phos. Acid	8	%
Ammonia	3 1/2	%

ROSS BROS. CO.'S LAWN GRASS TOP DRESSING

Especially adapted for top dressing to grass and can be used to seed grain where more Potash is handled. We also recommend it as being by far the best lawn fertilizer on the market, not only as a fertilizer but an insecticide as well, as every bag contains tobacco dust, which will drive the grubs and other injurious insects from your lawn.

Guaranteed Analysis:

Price: Per 25 lbs. \$1.00; P	er 50 lbs. \$1.75; ton \$57.00.	Per 100 lbs. \$3.25	
Potash		3	%
Total Phos. Acid		8	%
Ammonia		3 1/2	%

ROSS BROS. CO.'S HOME GARDEN FERTILIZER.

A low priced fertilizer designed for the home garden. Can be used either with or without stable manure.

Gauranteed Analysis:

Price: Per 25 lbs. 85 cts.; Per 50 lbs. \$1.35; Per 100 lbs. \$2.50; Per ton \$45.00.

AGRICULTURAL LIME. The agricultural colleges have been ex-GRICULTURAL LIME. The agricultural colleges have been experimenting for some time to ascertain the influence lime has upon the soil when used with different crops, and the results show beyond all doubt, that a large majority of our common vegetables need lime. This is especially true in regard to asparagus, beets, spinach, squash, lettuce, and onions. Lime should be applied at the rate of one ton per acre. Price: Per ton \$10.00; per bag 100 lb. \$1.00.

PLAIN SUPERPHOSPHATE. 16 per cent soluble and available phosphoric acid. In 200-lb. bags. Prices; Per ton \$28.00, 200-lb. bag \$3.00.

NITRATE OF SODA. Imported from Chile. It usually contains 96 per cent. nitrate of soda and above 19 per cent. ammonia. It should be used with caution for top dressing and pasture, also for forcing garden crops, such as Spinach, Tomatoes, etc.

Price: 5 lbs. 50 cts. 25 lbs. \$1.50, 100 lbs. \$4.50.

FINE GROUND BONE. 3 to 4 per cent. ammonia, 22.80 to 25.23 per cent, phosphate acid. In 200 lb. bags. 100 lbs. \$2.75, ton \$45.00.

TOBACCO DUST. Fine, ground; for greenhouse use this is one of the best article for dusting all kinds of plants that are affected with insects of any kind. Lb. 25 cts., per bag 100 lbs. \$5.50.

FUMIGATING TOBACCO. Price: 100 lbs. \$4.50.

DRY GROUND FISH. 9 to 10 per cent. ammonia, 25 to 30 per cent. bone phosphate. 100 lbs. \$5.00, ton \$95.00.

CANADA HARDWOOD ASHES. Analysis: Potash, 3 to 5 per cent.; Phos. Acid, 1 to 3 per cent.; Lime, 30 to 40 per cent.; Moisture, 12 per cent. We handle these in large quantities and can quote carload price delivered at any freight station in New England, f. o. b. Worcester. 100 lbs. \$1.85. Per ton \$32.50. Car lots in bulk delivered at all through points, \$22.50 ton.

TOBACCO STEMS. Used for fumigating, also used by some as a top dressing for fertilizer. We can furnish these in any quantity, even to carload lots. Price: 5 bs. 50 cts., 100 lbs. \$3.50.

GROZ-IT BRAND PULVERIZED SHEEP MANURE

For Market Gardners and Specially recommended for Lawns

Ordinary manure, which is so necessary to plant life, has many objectionable features, when used close to the dwelling. It is unsightly, has a disagreeable odor, draws flies and insects, likewise it is too bulky to be used to the best advantage. In the place, we offer you a highly concentrated pulverized, natural animal manure, packed in sacks, light, dry, odorless, free from seeds and all foreign matter, with a plant food value many times that of ordinary manure. Is excellent for Golf Greens, for flower beds and especially for fertilizing trees of all kinds, for composting for window boxes and also

good for the home garden

We sold several hundred tons of this material this past season to some of our largest market gardeners and to manufacturers for shop gardens and it gave perfect satisfaction. It is fast taking the place of commercial fertilizer, as it is a safe and sure fertilizer for all crops. Will not burn your plants, no matter in what quantities you use it, but is highly concentrated and safe for anyone to use. Can be used safely at the rate of 50 lbs. per 1000 sq. ft., or as a general fertilizer for all crops from 1000 to 2000 lbs. per acre. It makes the richest and safest liquid manure, using 1 lb. to 5 gallons of water.

GUARANTEED ANALYSIS

	·
Nitrogen 184	Available Phosphoric Acid
Ammonia 2.25	Total Phosphoric Acid 1.25
Water Soluble Potash K20 3.00	

Prices 12½-lb. bag 50 cts., 25-lb. bag 90 cts., 50-lb-bag \$1.65, 100-lb. bag \$3.00, ton (2000 lbs.) \$50.00. Special price in larger quantities.

All prices in this catalogue are based on the supposition that we get cash with the order. Parties wishing to buy goods on credit, but have never had an open account with us, will avoid delay if they furnish with the order bank reference.





Farm Machinery



The International 8-16 H. P. Kerosene Tractor

A horse consumes when it is not working a motor ceases to consume when it stops working, and as a tractor will do the work of several horses, the expense of plowing, harrowing and harvesting, is much less by motor power than by horse power. For often times one, two or three days' work with the tractor will do all the work that is necessary at that particular season and as soon as it is run under cover the expense stops, while horses keep consuming not only six days in the week but seven.

This tractor is not only built for field work, but it is also built for belt work for operating any ationary machinery, such as cutting ensilage, threshing, sawing wood, or any other farm work stationary machinery, such as cutting where power of any kind is required.

THE MIDWEST UTILITOR TRACTOR

We offer the balance of our stock, while they last at 25% discount from the regular selling list price. The Utilitor tractor does all kinds of light farm work.

What You Get When You Buy An International Tractor

A real tractor complete with 18 inch wheel guards, pulley, governor and brake, all for \$960.00 f. o. b. cars at factory. Compare this price with other cheap tractors, with all this equipment, and you will find there is practically no difference in price.

JOHN DEERE LIGHT TRACTOR TWO OR THREE BOTTOM PLOW This plow is especially adapted for all Standard Light Tractors; hitch and trip levers

adjustable to suit any tractor.

The bottom of any plow is what does the work, all of the rest of the plow is built to enable the plow to do the work required of it. The bottom or controlling rope raises the plow and another pull and the plow has entered

the ground.

the ground.
The tractor does all the work of lifting.
This plow has extra heavy beams of steel, which prevent dragging the plow, as well as balancing for all conditions.
Price 2-12 inch Bottom Plows with Jointers \$125.00
\$127.50





Cutaway Double Action Light Tractor Harrows

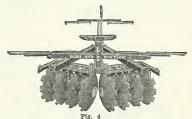
For the light tractors which are now becoming so popular a smaller size harrow is required and it is The light tractors with a bow we have a support a statute size distort in required and it is not a bow to the light tractor Harrow, takes advantage of every feature of the larger machine. At the same time it is built very much lighter. Its weight and construction are such that it exactly meets the requirements of the light tractors and it has proven a basolute success.

The Cutaway (Clark) Tractor Harrows are equipped with dust-proof, oil-soaked hardwood bearings, -5 20 18-in, Disc. 5½ ft. cut. 675 lbs. -6 24 18-in, Disc. 6½ ft. cut. 835 lbs. -7 29 18-in, Disc. 7½ ft. cut. 965 lbs. X-5 X-6 X-7 \$122.50 5% discount for cash.

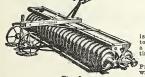
Cutaway Bush and Bog Plow

As shown in the illustration, this machine is a big, heavy disc plow or harrow, weighing 680 pounds. It is equipped with extra heavy 24-inch discs. The bearings are dust-proof, oil soaked hardwood, perfectly lubricated. It is built very strong throughout and stands up under work that would totally wreck other machines. For cutting brush land and cut-over timber land, for plowing bogs, or for doing any extraordinary hard plowing and discing.

Price, 8-24 in, discs, 5 ft, cut, 4 horse hitch, \$87.50; Junior Harrow, 8-20 in. discs, 41/2 ft. cut, 2 horse hitch, \$57.50. 5% discount for cash.







This is one of the best built machines that ever helped the farmer to get a bumper-crop. The frame is made of heavy angle steel bars, bolted fast. Two Channel steel bars run diagonally from the tongue across the frame. It takes the place of the old roller. This is not only a clod crusher, but a pulverizer, picker and cultivator. This machine is practically indestructible and will last a life

Length 54 inches, weight 560 lbs.

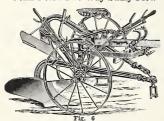
 Price
 \$75.50

 without forecarriage deduct
 \$7.50

ROSS BROS. CO. WORCESTER, MASS.



John Deere Two-Way Sulky Plow



The frame of this plow is wrought steel amply strong and rigid to stand any reasonable strain. The axles, bails, levers, and wheels are all steel and all the castings are malleable iron. In point of construction this plow is probably the strongest one on the market. This plow is remarkably easy to operate. Any boy who can drive a team can work it. The wheel base is 45 1/2 inches, which makes it nearly impossible to tip over. Plows No. 1442S/1342S. Price, \$91.50. 5 per cent. discount for cash.

Moline Two-Way Sulky Plow



Fig. 7

This plow is easy of operation, has adjustable seat for side hills so as to keep it level. The beam can be adjusted sideways from one extreme to the other for wide or narrow furrow without removing any bolts. Has automatic pole shifting arrangement which relieves the operator from using any lever at the end. This plow has very wide steel base which prevents it from tipping on side hills. Equipped with whiffletree, evener, yoke and two extra points. Price, \$87.50.

5% discount for cash.

Syracuse No. 822 2-Horse Swivel Plow

Syracuse No. 823 1-Horse Plow

Syracuse No. 32 Two-Horse Landslide Plow



Fig. 8 Particular attention has been given to this plow for its ample throat capacity and close fitting joints to prevent clogging. The plow is built entirely of steel or malleable iron. It is furnished with wheel and automatic shifting jointer or coulter and shifting clevis. This plow will turn a furrow 4 to 7 inches deep and 4 to 10 inches wide, weight 140 lbs. Frice with steel moldboard, \$227.75. With cast moldboard \$25.75. Net 160 lbs.

5% discount for cash.

This plow is similar in construction to the No. 522, only being somewhat lighter, it is just the right size for a large one-horse in plowing gardens. It is made of steel and malleable iron, same as the No. 522, only lighter. Ample room is pro-vided under the beam to prevent clogr-ing. This plow is furnished with wheel The 52176. 596 for cash, Weight, 33 15 rice \$2176. 596 for cash, Weight, only. P

This plow has steel moldboard and wheel, straight cutter or jointer. No. 32 is the same plow used on the double sulky with the addition of a pair of handles, and no better plow was ever made. No. 32 cuts 5 to 7½ in. deep, No. 32 cuts 5 to 7½ in. deep, Price 324.75. 5% discount for rash cash.

Fig. 10

Diamond A, B and C Plow



Fig. 11

New Style with Steel or Chilled Moldboard. This is one of our best swivel plows. It is furnished with steel or chilled moldboard, patent foot latch, wheel and cutter and shifting clevis. All parts interchange with the '76 plow made at Castleton, Vt.

A cuts 5 to 7 in., 11 to 14 in. wide; weight 150 lbs.

B cuts 4 to 6 in., 8 to 12 in. wide; weight 146 lbs.

C cuts 3 to 5 in., 7 to 8 in. wide; weight

A and B are two-horse; C one-horse. A and B have wheel and cutter. C has wheel only. Price: A with cast board \$20.75, A with steel board \$22.50, B with cast board \$19.50, B with steel board \$21.25, C with wheel \$13.75, C, with wheel & cutter \$17.25.

Grading Plow No. 1-78



Price, \$27.00. 5% discount for cash.

One-Horse



Syracuse No. 5 Vineyard Plow

Fig. 13

This plow is designed for plowing between rows of trees or vines. The handles are adjustable sideways or up and down. The horse can walk in the furrow or on the land. It can also be seed for graden plowing. Iron seed to graden plowing. Iron weight, 63 lbs. Price, with wheel, \$11.00. 5% discount for cash.

EVERYBODY KNOWS

ROSS SEED GROWS

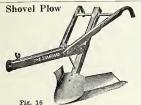




Price \$36.00 5 per cent discount for cash.



Price \$50.00 5 per cent discount for cash.



Very handy for furrowing out rows and for hilling up. All parts strong and well braced and very durable.

Price \$5.00 5 per cent discount for cash.

CLARK BABY CULTIVATORS



These cultivators are made of the same high grade of steel as the narrow and are very effic-ient in pulverizing the soil between rows of garden truck or berry bushes.

Fig. 17

90 lbs. No. 1 6-14 in. disc. 24 in. cut \$19.00 105 lbs. No. 2 8-14 in. disc. 32 in. in cut \$22.00 per cent discount for cash.

Doe Cast Iron Plow

good general purpose plow, designed for inds of garden work. Wood beam, cast all kinds of garden work.

Wheel and Medium one-horse \$ 8.50 Large one-horse . 9.50 Light two-horse . 11.00 Medium Medium two-horsc . . Medium two-horse . . Two or three-horse . .. 11.50 \$15.50 15.00 19.00

5 per cent discount for cash.

Fig. 19

Clark Reversible Single Action Cutaway Harrow

Clark Keversible Single 4.

All Outaway Single Action Harrows are reversible. If you will observe the illustration you will see that the "dish" of the dises is out, and consequently the soil is moved outwardly. To reverse this harrow, you simply disconnect the lever links from on the kine bolts until what were formerly the outer discs become the inner dises, and reconnect the links. In this latter position the dises will throw the soil inwardly. Like those on all other Outaway implements, the dises on this harrow are the famile feature partly accounts for the remarkably long service always given by Cutaway disc implements.

implements.

No. of

No. of Discs Machine 12 A-6.

Diam. of Width of Discs Cut 6 ft.

Fig. 20

Hitch Weight Price 5 per cent discount for cash.

Clark's One-Horse Cutaway Harrow

This harrow is especially adapted to the needs of small farmers and fruit growers. It has ten 14 inch cut-out steel diese. A six Disc Harrow is not practical on account of the width. This Harrow cuts 4 feet and overcomes that difficulty. No of No. of

Diam. of Discs Machine Discs *0-5 Width of Shipping Chit Hitch Weight 4 ft. 1-H 169 Price \$27.50

Fig. 21

5 per cent discount for cash.

Clark's Double-Acting Cutaway Harrow

This harrow has two pair of gangs, one throwing in and the other out, which thoroughly pulverizes and levels the ground at the same time. This is a very strong This is a very strong made harrow and can be used for either t

Price A 5 Double Acting 20 16 in. discs 5 1/2 ft. cut, 530 lbs. \$67.50.



Price X 4 Double Acting 16 18 in. discs, 41/2 ft. cut, 535 lbs. \$70.00 Price A 4 Double Acting 16 16 in, discs, 4 1/2 ft, cut, 440 lbs. \$57.50

Discount 5 per cent for cash.

with Shifting Levers A-4 Single

Clark One Horse Cutaway Harrow

Acting Harrow 8 16-in. discs 1 ft. cut, fitted with shafts for one horse and two shifting levers. This i m p rovement over the 05 which does not lave the levers and also has 16 inch instead of 14 inch discs. We think it is well worth the difference price. Weight 245 lbs. Price \$37.50.



5 per cent discount for cash



P & O Potato Digger

A good practical po-tate digger at a reason-able price. By the use of two front wheels, the crushing and mutilating crushing and mutilating of potatoes is avoided. The vines will not clog as they frequently do with a digger with only one wheel, as the wheels run on solid ground between the rows, keeping the digger on an even course and working



even course and working at a uniform depth. The wheels are adjustable. The grate at the rear is hinged at the front and is given an up and down motion by a 5-tooth wheel at the rear. This sifts out the dirt as the potatoes pass over the rod. Weight, 155 lbs. Price, \$30.00.

Dunham Water Weight Lawn Roller

The Dunham Water Weight Lawn Roller is electric welded, making the water section one solid drum, no rivets are used. It cannot leak. The roller surface is perfectly smooth and cannot injure the lawn.

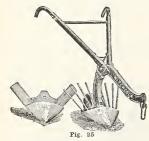
A good lawn cannot be obtained unless a roller is used. Continued freezing and thawing separates the turf from subsoil which leaves an air space for grass roots to dry out. A good rolling is absolutely necessary to put the lown in condition again.



KET	CAIL	PRIC	E UF	טע.	NHAM	WAI	ER	WEIGI	HI	LAWN	ROLL	LEKS
		Diam	. Lei	ngth		7	Veigh	t Fil	led	with		Price
No.		Inche	s In-	ches	Section	ons F	mpt	y V	Vate	er		Each
WB	3	14	2	0.5	1	50	lbs.		150	lbs.	\$	17.50
WB	5	18		24	1		lbs.			lbs.		22.25
WB	7	24	2	24	1	110	lbs.		500	lbs.	\$2	25.75
	Wei	ghs 50	ner	cent	more	when	filled	with	sar	d-wat	er is	most

convenient.

The Hitchcock Potato Digger and Shovel Plow Combined



This Potato Digger will not only dig potatoes, but can also be used as a hiller by attaching the special hiller Also can be used for furrowing out. You get best results by using two horses, allowing one to walk on each side of the row.

Price as Digger \$13.00 Price complete with wings .. \$16.00

The Hoover Potato Digger

The standard potato digger of the East, This digger harvests the entire crop. The potatoes seing dropped at the rear and are not covered with dirt or trash. Potatoes are left in a narrow row and not scattered and can be easily picked up.



22 in. Horse Drawn, Price \$127.50.

HARROW TONGUE TRUCK



Note that both the tongus at tachments and the cam hitch are adjustable up and the cam hitch are adjustable up and the cam hitch are adjustable up and the came a this. Price, \$11.45.

Note that both the tongue at-

5 per cent discount for cash.

THE ACME PULVERIZING HARROW

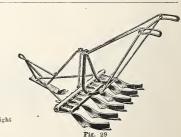


harrow that will crush, cut, lift, turn, smooth and level the soil to perfection all in one operation. While pre-eminently adapted for heavy, stubborn land, it can be adjusted, by means

of levers and runners, to do perfect tire surface without disturbing sods or trash soil. It cuts the end under by the plow. It prepares a perfect seed bed, and so, corressed in the best manner. The draft is reduced to a minimum. Being made entirely of cast-steel and wrought iron, it is practically indestructible.

No. 23. Regular size, 1 and 2 bears.

Regular size, 1 and 2 horse, made in two sections. Price \$25.00. 5 per cent discount for cash.



NO. H. ONE-HORSE "ACME" HARROW

This style has 8 coulters, crushing shoes and seat; works, 4 ft. 4 in. wide; weight

Price \$16.00. 5 per cent discount for cash.



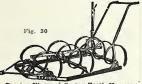
EVERYBODY KNOWS

ROSS' SEED GROWS



ONE-HORSE VINEYARD HARROW

This harrow is partic-ularly adapted for small fields, orchards and nurseries where a large two horse harrow cannot be used. The main frame is of angle steel bent up at the front so that it passes over obstructions easily. The tooth beams are placed high and made of places of the steel of the st horse harrow cannot be



Deering Vineyard Spring Tooth Harrow-9 tooth

so that trailing is impossible. Each tooth does its full share work. Weight, 130 lbs. Price \$15.25, 5 per cent discount of the work. for cash.

INTERNATIONAL TWO-HORSE HARROW

There is a harrow made for every kind of work and the spring tooth has its place and should be on every farm. It will take hold and pulverize where other make have failed and pulverize where other makes have failed. The action of the teeth break all lumps and leave a fine seed bed.



15 tooth \$22.50 17 tooth \$24.50 5 per cent discount for cash,



THE ORIGINAL PERRY SPRING HARROW



This is the first spring-tooth harrow ever offered for sale, and it has many friends. For durability it is equal to any harrow made. The wood frame is lined with carbon steel. Bolt heads are protected. The teeth can not get loose. Used among rocks and stumps which would soon break any other harrow to pieces. Price, 16-teeth, 314.50.

5 per cent discount for cash.

SPIKE-TOOTH SMOOTHING HARROW



Designed as a level-Designed as a lever-ing Harrow, and for covering all kinds of grain and grass seed; also largely used for cultivating corn and potatoes just after they come up. The teeth arc adjusted by means of a lever and can also be thrown up from the ground and harrow trans-

ported to and from the field on the shoes at the end. Each tooth is held in place by two bolts, while nearly all other harrows use but one. Teeth can be moved down as they wear. The entire harrow is made of steel. Price, 60-teeth, \$18.50.

5 per cent discount for cash.

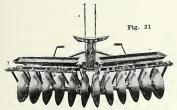
PROUT'S TWO-HORSE HOE



Fig. 37

Each standard as shown in the cut has two Hoes attached, and in working one set of noes work on one side of the hill another other and the standard standard

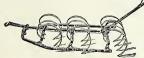
DEERING BUMPER DISC HARROW



The main frame of this Has 12 16-inch discs and weight boxes. Has 12 16-inch discs and weight boxes. The main frame of this harrow is constructed in such a manner that the heavy bent iron bars which fasten the main frame to the bearings are hinged both to the main frame and in the bearings. This allows the rigid frame to be used and gives an opportunity for the disc gangs to work close together. The cross beam of the frame is made of angle steel and the bars running from the ends of the cross beam to the toncue are heavy steel. The bearings are arranged so they can be easily olded and fitted with metal bushings which can be replaced when they me worn. This makes the harrow very strong and durable ght, 469 lbs. Price, \$44.25 become worn. T Weight, 469 lbs.

5 per cent discount for cash.

SYRACUSE ONE-HORSE SPRING HARROW



In this harrow, the In this harrow, the frame, tooth-bars and teeth are of steel, and all castings mal-leable, making a light and strong cultivator.
The teeth adjust for
wear, and the frame
is protected underneath with renewable
shoes. The lever as-The lever asshoes.

Fig. 32 sists in maintaining a uniform depth of cut, also in quickly unloading the cultivator of trash

Has ten spring teeth, oil-tempered, and is adapted for all kinds of work. Has given perfect satisfaction. Price, \$14.50.
5 per cent discount for cash.

MEEKER SMOOTHING HARROW

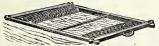


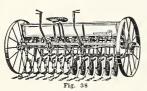
Fig. 33
This consists of a frame with four sets of rollers and 58 steel discs, which work between each other. The discs grind all lumps very fine and mash small stones below the surface better than any field

4	ft.	6	in.	X	4	ft.	with	8	in.	discs	175	lbs	\$29.00
6	ft.	8	in.	х	6	ft.	with	8	in.	discs	200	lbs	\$33.00
8	ft.				x	6 ft	. with	١ 8	in.	discs	300	lbs	\$43.75
6	ft.	8	in.	x	6	ft.	with	10	in.	discs	250	lbs	\$40.25
8	ft.			X	6	ft.	with :	10	in.	discs	350	lbs	\$51.00
							5 pe	r c	ent	discou	nt for cash		



ROSS BROS. CO. WORCESTER. MASS.

Empire Junior Drill



By the use of a Grain Drill you decrease the quality of seed used and increase the yield. Every seed is properly planted, which is just as necescrop. The increased yield, even if it is only a few bushels per acre, will well pay for the interest on the drill. Ask for complete catalogue, Space does not permit of our describing it in de-

5 per cent discount for cash.

International No. 4 Pivot Axle Riding Cultivator



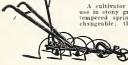
This cultivator runs on ball bearings, gangs are always para..el, cultivating depth is controlled by leave the controlled by l

implement. Weight 500 lbs. Price, each \$58.50.

5 per cent discount for cash.

Disc Hellers \$3.50.

SPRING TOOTH CULTIVATOR



A cultivator that is especially adapted for use in stony ground. The teeth are fine, oil-tempered springs, and are alise and interchangeable; they are also adjustable for angle and depth. Has ex-

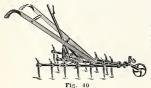
angle and depth. Has expanding lever, five spring teeth and wheel. Price, \$10.00. 7 Tooth Spring Cultivator, \$12.00.

Fig. 39

International 5-Tooth One-Horse Cultivator



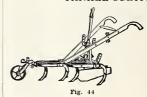
SPIKE TOOTH CULTIVATOR AND HARROW



This cultivator and harrow is particularly designed for cultivating between small fruits. Especially adapted to pulverize the soil and leave it smooth and level, thus conserving moisture.

Price, \$8.50.
5 per cent discount for cash.

YANKEE CULTIVATOR



New Yankee Cultivator with long hillers. Can be used for furrowing out or covering, also for hilling potatoes and similar crops. Price, \$12.00.

5 per cent discount for cash.

Planet Jr., No. 101 Horse Hoe and Cultivator



ity of steel as in the No. 7, 8 and 9 and of the No. 7, 8 and 9 and of the No. 7, 8 and 9 and of the makes of low priced cultivators, 1t has recently been simplified, is a strong, well-made sultivator, easily hardled iteally no danger of zerting out of order. We recommend this as being

This cultivator contains

the same qual

Fig. 41 ting out of order recommend this at

The Goslee Improved Marker



Fig. 45

Adjustable Tooth, Spreads 2 to 4 ft.

This machine is designed to mark out rows of any width, and in doing so it makes a furrow suitable for planting. Price \$15.00.

5 per cent discount for cash.

EVERYBODY KNOWS

ROSS SEED GROWS



Planet Jr. Farm and Garden Tools

If you are a farmer, trucker, orehardist, or suburbanite with a kitchen garden, there is a Planet Jr. made for your special need. You can't afford to work without a Planet Jr. 71-page Planet Jr. catalog free. Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. Write postal for it.



The flow of seed is instantly started or stopped by the cut-off rod. Sows in large or small quantities in drills or in bills, 4, 6, 8, 12, 24

We recommend customers to buy separate seed drills and wheel hoes where they have enough work to warrant it, and this is our popular size at a popular price.

No. 5 Planet Jr. Hill and Drill Seeder

Price \$20.00. 16½-inch steel driving wheel. Holds 5 quarts.....No. 5 is undoubtedly the best seeder we make for market gardeners, onion set growers and other large planters. The style of construction is the same as in No. 3, the valuable mechanical features being common to both.



This tool sows all garden seeds from the smallest up to peas and beans in hills, 4, 6, 8, 12 or 24 inches apart or in drills. No time is lost. No seed is wasted. By removing the seeder parts and substituting the tool frame, you have a first-class single wheel hoe. Makes the care of a garden a pleasure as well as very profitable. Cakes used successfully by men, women or growing boys. Fays for itself in a season and will last for years.



A splendid combination for the family garden, onion grower, or It is a perfect seeder, and combined double and large gardener, single wheel hoe.

Seeder and Single Wheel Hoe Price, \$13.00. Fig. 49

No. 31 Planet Jr. Combined Drill This new tool is of great value to gardeners who

have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe A special machine for the small gardener.

No. 31D Planet Jr. Seeder Price \$10.50.

This is the No. 31 shown above; without the cultivating attachments. If you have a wheel hoe and want to save labor in planting your garden and make the wheel hoeing easier, we recommend this No. 31 seeder.

No. 11 Planet Jr. Combined Double and Single Wheel Hoe, Cultivator, Plow and Rake

Price, with Attachments as in cut, 14-inch Steel Wheels \$16.00 Steel Frame. Fig. 50

single and double wheel hoe in one. Straddles crops till 20 on, then works between. Has steel frames and 14-inch steel The greatest hand-cultivating tool in the world. inches high, then works between.

No. 12 Planet Jr. Double Wheel Hoe, Cultivator and Plow

Price, \$12.50. Fig. 51

This tool is identical with No. 11 Double Wheel Hoe, except that it has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters only. They are what gardeners use most, and the others what deaded as wanted. can be added as wanted.

No. 119 Planet Jc. Garden Plow and Cultivator

This new member of the ''Plant Jr.'' family will appeal to all those who prefer a high wheel tool for their garden work. Where the soil has not been so thorough Where the soil has not been so thoroughy and carefully prepared, the high wheel undoubtedly makes an easy running tool.

The wheel is 24 in, in diam. with a rim 1½ in, wide, insuring easy running in the lightest soil.

The equipment is so complete that it will meet all the Leeds of the ordinary garden, where the adjustments and re-inements of the high-er priced Wheel Hoes are not required.

Price \$6.50

Fig. 52

ROSS BROS. CO. WORCESTER, MASS.

Planet Jr. Farm and Garden Tools

No. 19 Planet Jr. Single Wheel Hoe

Price, \$6.25.
This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations.



No. 17 Planet Jr. Single Wheel Hoe



Same as No. 16, but without the Rakes and Leaf Lifter. These Single Wheel Hoes have steel frames and 15-inch steel wheels.

No. 17½ Planet Jr. Single Wheel Hoe Price, \$7.60. Fig. 55

This tool is identical with No. 16, except in equipment. The pair of 6-inch hoes. three cultivator teeth and leaf lifter which go with it, are all the finest of their kind.

Fig. 56



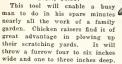
No. 18 Single Wheel Hoe



Price, \$6.25.

This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other attachments can be added as needed.

Fire-Fly Garden Plow





No. 33 Planet Jr. Single Wheel Hoe



The Wheel Hoe portion of the No. 31 Combined Seeder and Wheel

This combination will delight the suburbanite, the growing boy, women, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No 16 Planet Jr. Single Wheel Hoe



The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest and best way.

No. 8 Planet Jr. Horse Hoe



The No. 7 Horse Hoe is the No. 8 without the depth regulator. It works the same as No. 8 in cvery way except that it lacks the steadiness and easy control of depth made possible by the depth regulator. Price, with cash wheels \$18.000

No. 9 Planet Jr. Horse Hoe

Price, with Cast Wheels, \$16.50*



Is identical with No. 8 except that it has no depth regulator, and has a plain wheel instead of lever wheel.

No. 90 Complete, with Cast Wheel



An invaluable tool in the market garden, truck and strawberry patches. Has new steel wheel which prevents clogging. Its 12 chiselshaped teeth cut out all weeds, stir and mellow the soil and leave the ground in the finest condition without throwing dirt on plants.

*for steel wheels add 50 cts.





Aspinwall Potato Planter

THIS MACHINE PLANTS A GREATER RANGE OF SEED, both as to size and shape, than ever before and handles it with the least possible fricutance of planting-reguly a change of gear wheels, which can be made in less time than it would take to replace one picker. In lieu of the cambersome of the combessome Improved for 1919. Fig. 63

McWhorter Fertilizer Distributor

The low down construction of this fertilizer sower makes it a very popular machine. Distribution is made by adjustable spouts as shown in the illustration. These are adjustable same as on the hand machine. Materi-



hand machine. Material is distributed close to the ground and is not affected by wind as is the case with most fermilizing materials. The No. 26 is best adapted for New England trade, broadcasts 9 ft, wide. They are made in several different sizes as follows:

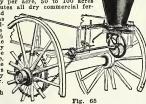
as follows:

No. 13C one horse, weight 260 lbs., Price No. 26 two horse, weight 373 lbs., Price No. 34 one horse, weight 266 lbs., Price No. 44 one horse, weight 266 lbs., Price . Send for Special Circular. \$92.50 \$72.25

Farmer's Friend Fertilizer Sower

Attaches to any ordinary farm wagon, and sows to perfection grass and grain seeds of all kinds and in any desired quantity per acre, 50 to 100 acres a day. It also distributes all dry commercial fertilizers; also sahes, land plaster, lime, etc. It has positive feed and an adjustment opening the holes from % to 1½ inches, which allows the serving of seeds can be shut off anywhere, either on one side or the either on one side or the other, or altogether, as required; it is instantly thrown in or out of gear.





Eclipse Corn Planter and Fertilizer Distributor

Eclipse Corn Plan
Plants field or ensilage corn, beans, peas
or beet seeds in hills,
drills or checks; it will
drop 6, 12, 24 or 36
inches apart. By scattering pumpkin seeds in
with the fertilizer in
filling the hopper will
place seeds in hills
when planting corn. It
from 50 to 450 lbs. as
desired, of commercial
fertilizer, wet or dry, in
on the seed before the fer



desired, of commercial fertilizer, wet or dry, in the rows of hills, first drawing moist earth on the seed before the fertilizer is dropped each side of the seed, and all is covered to a uniform depth. Price complete, \$35.00. 5 per cent discount for cash.

85

McWhorters Hand Fertilizer Sower

This fertilizer sower can be instanly changed so that the stream is divided from one into two or more streams, and thus be ap-plied beside one, two or more rows of plants at the same time. The sprouts or channels through which it same time. The sprouts or channels through which it passes to the ground open and close, so that starting with a width of about 4 inches the spread can be gradually increased to 30 inches. This is especially adapted for top dressing struwherry heds and lawns struwherry heds and lawns strawberry beds and lawns.



Fig. 67 Price \$18.25.

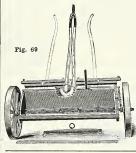
"King of Cornfield"

Corn, Bean and Pea Planter and Fertilizer Distributor.

Does perfect work, not only in planting corn in hills or drills, but does equally as good work planting peas, beans, and all similar seeds, putting in the fertilizer as well, in any desired quantity, or the fertilizer may be stopped off all together, if desired. Another great feature in this machine, corn and time in the same row, the beans half way between the corn, or 4½ or 9 inches from corn, as desired. The fertilizer may be put with the Does perfect work, not The fertilizer may be put with the corn and left out of the beans, if desired to do so. Price, \$35.00.



5 per cent discount for cash.



The Stevens Fertilizer Sower

For sowing all kinds of commercial fertilizer, either damp or dry, in drills or broadcast. Thoroughly satisfactory as a lime spreader. In meadows and orchards almost a necessity. Unequaled for top-dressing grass lands, lawns or large parks. 5 ft. 10 in. Price, \$62.50.

Two Horse, 8 ft. 3 inches \$70.00

Eclipse Two-Row Two-Horse Corn Planter



two seasons with per-fect success on the single-row Eclipse, is used on this. One move of the lever throws the machine out of gear, and at the same time raises the planter and covers ready for turning the team at end of rows. Price, \$77.50.

5 per cent discount for cash.

ROSS BROS. CO. WORCESTER, MASS.





Cahoon's Improved Broadcast Seed Sower



Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walk-ing gait. Heavy seeds, such as wheat, it will throw 40 feet (20 from each side of the operator); lighter seeds, of course, will acl be thrown so far. Price, \$4.75. 8 lbs.

The Worcester Weeder - The Farmers' Best Friend



Fig. 73

One of the indispensable articles on any farm, where horse cultivated crops are grown, or where corn or grass seeds are sown. This weeder is made of high carbon angle iron steel, teeth attached to frame with bolts and are beld tight by a spring steel look washer. This is the best implement made for preparing a sead beld.

ing a seed bed and will pay for itself in one season, In cultivating be used just before the crop is up and im-mediately after. Destroys the weeds but does not in-jure the crop. Price, \$13.00.

Automatic Hand Corn Planter Very handy for replanting and for small gardens. PRICE, \$2.25. Mailing weight 5 lbs Fig. 74

The Cyclone Broadcast Seeder

Will sow Timothy, Clover, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Millet and all other grains and seeds perfectly even, and any desired amount to the acre, and from 40 to 60 acres a day. Net price, \$2.00. Mailing weight 2 lbs.



The best implement made for furrowing covering and hilling potatoes and similar crops. The steel covers or wings can be adjusted for making any style of hill desired know the value of this tool and none of them attempt to get along without it. It is necessary to cover young plants completely when just out of the ground. The steel discs are made of best crucible spring steel and will last for a lifetime. Price, \$15.00. The best implement made for furrowing



This implement is the same as the Worcester Horse Hoe and Furrower with exception of discs which are used in place of steel hillers or covered wings. They are adjustable and by many are preferred to the steel hillers. All potato growers should have one of these two implements. These wings are made of best crucible steel and will last for a long time. Price, \$12.00.

International Manure Spreaders

INITETRALIONAL MANUTE Spreaders Assets and International Manure Spreaders have steel frame and can readily be called a steel machine, as they are made almost entirely of steel. The box, sides and front are practically the only parts of wood. Light weight, great strength and durability are the result. Steel frame makes the foundation. They are strong cross-tied and parts holding the bear-scanning of hard use. The mid-strong reasons of hard use. The mid-strong requipped with oil bearings, making this

Thompson's Seeder



For Broadcasting Grass, for sowing Red Top, Clover, Timothy and All Mixed Seeds. Light, strong and simple.



Sows uniformly the whole length of the hopper, twelve feet.
Seeder No. 5. Sows Clover, Timothy, Hungarian, Millet, Alfaffa, Chaffy Seeds, like Red Top, Orhard Grass and Kentucky Blue Grass. Price, \$13.25.
No. 4. Grain Seeder Box, 10 feet, for sowin all kinds of grain. Fits No. 5 Seeder, and grass seeds can be sown. Price, \$6.25.
No. 5 Seeder and No. 4 Grain Box. Price, \$19.00. \$19.00.

John Deere Spreader



No clutches to give trouble, no chains to get out of line, very easy to load and bas

get out of line, very easy to load and bas very few parts.

The change of feed is accomplished by a double shee which is moved from the seat.
This shee determines the number of teeth the ratchets engage at each stroke. Whether spreading five or twenty-live loads to the acre, the stroke of the ratchet arms is always the same. It has an endless apron and the ratch-et feed is locked, steady and positive apron on a spreader has many advantages. Larger

on a spreader has many advantages. Larger loads can be hauled and spread.

The beater is made entirely of steel, and there is no chance for it to get out of shape. It has ten bars made of high carbon, channel steel to which the teet are fastened. Price, A—size with end gate \$182.50 B—size with end gate \$184.50



spreader very light in draft and allows of a much larger beater than other spreaders. Send for complete catalogue. Weight 1540 bs. Price, No. 1 \$184.00; No. 2 \$194.00— for 3 horse hitch in place of two, add \$5.00.

The Segment One-Hand Corn Planter



Fig. 80

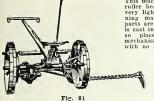
Mailing weight, 4 lbs.

86





DEERING IDEAL MOWER



This machine runs on ball and roller bearings which makes a very light draft and still run-ning machine. All breakable parts are malleable iron. Frame is cast in one piece. Gears are so placed that the entire mechanism is well balanced, with no side draft.

PRICES

4 foot cut, one horse, Ideal Mower, \$72.50 5 foot cut, two horse Ideal Mower \$77.50 6 foot cut, Giant 6 foot cut, Mower \$85.00

ADRIANCE BUCKEYE MOWER

This machine has direct draft and no neck weight. The foot lever for raising the bar is directly in front of the driver's feet, making it very easy to operate. All levers on this

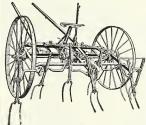
operate. All le machine are with-in easy reach of the driver. Cut-ter bar folds over the pole for transportation. This machine always gives satisfaction. PRICES: 4 foot cut, one horse, \$70.00. 5 foot two horse, \$75.00.



MOWING MACHINE SECTIONS

All of our mowing machine sections are put up in the latest improved styles, that is each box will contain 25 sections. All the sections are fully warranted and we have all sizes to fit the Deering, Buckeye, Champion, Wood, McCormick, or Osborne machines. We are able to sell these sections at a price less than the common sections which we have solk hereteders. Cive size when ordering or sell do not for pattern. Frice, \$1.50 per box of 25 sections. Wit.

STEEL INTERNATIONAL HAY TEDDER



This is the neatest and most substantially built steel frame hay tedder on the market. It has a solid steel axle and on stony ground we recommend this to any other tedder. We believe an entire steel tedder made like this one will outlast any other tedder on the market today. It has two levers, on throwing in and out of gear and one for raising and lowering the forks for uneven ground. It has combined pole and shafts so it can be used for either one or two horses. It is the best steel-It is the best steel-frame hay iedder on the

Fig. 84 market, six forks. Price, \$62.00.

BINDER TWINE

Put up in 5-lb. balls. 5-lb. balls 90 cts., 50 lbs. bale \$8.50.

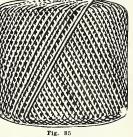
MANILA ROPE

For Hay Forks and gen eral use.

% in. per lb. \$.28 in. per lb. . . . 29 in. per lb. . . . 29 ½ c in. per lb. . . . 30c

TARRED -LATH YARN For Bag String and tying

corn. Price, 20 cts. per pound. Price subject to market



VICTOR TUBULAR STEEL FRAME GRIND-STONE WITH FOOT-TREADLE AND SEAT



Fig. 83

Adjustable seat, 4 to 5 inches vertically. Stone movable forward and back on frame. Frame being slightly flexible, it adjusts itself to uneven floors or surfaces. Rigid and easily piled. Hinged connection with ball-bearings on crank. Ball-bearings in journals. Frame is narrow at top, making it convenient to apply power, and spread at base, giving greater rigidity. Crated complete, stone protected. Made in one size, about 100 lb. stone. Price \$10.00.

WILCOX MOUNTED GRIND-STONE



This is the best low-priced grindstone on the market. The stone is best Berea Grit (Ohio), the legs are iron, which will not rot if left out during haying; the wood side-pieces are painted bright vermilion. Runs on ball-bearings, and every stone warranted to run true. No. 3 Stone, 135 lbs. Price \$8.25. No. 2 Stone, 120 lbs. Price, \$8.25.

HECLA WOOD FRAME MOUNTED GRIND-STONE



Fig. 87

The stones in these are best Nova Scotia Grit, mounted on heavy hardwood frame. Will last a life-time. It pays to buy a good

									Price
24x2									\$17.00
24x3									\$21.00
26x2	1/2								\$23.00
26x3									



ROSS BROS. CO. WORCESTER, MASS.



INTERNATIONAL STEEL FRAME RAKE



construction. 25 TEETH. Price.

5 per cent Cash.

This rake is made to supply the demand for an all-steel rake, for an all-steel rake, We telieve that is the best of the entire lot. It is a horse dump-rake. Strength and simplicity are two features of its construction. 8 FT.

INTERNATIONAL COMBINED SIDE-DELIVERY HAY RAKE AND TEDDER



Fig. 89

The left hand delivery of the Keystone com-bined side delivery rake and tedder allows you to follow the mower closely and rake the hay before the lcaves begin to wilt. This is practically the same construction as the regular Keystone Side Delivery Rake, which does not have the reversing mechanism for ding that this machine

has. The teeth strike and rake much cleaner, and turning the hay into a neat, airy

and order three creaters, and curring the may have a weak any content of the cont

The McCormick Corn Binder

The McCormick Corn Binder Picks up Down and Tangled Corn. There is bound to be some down corn in practically every corn field. The storms and wind will blow it down and it is sometimes badly twisted and tangled. Corn in this condition is difficult to handle either by hand or by machine. The Mc-



or by machine. The Mc-Cormick is especially adapted for that particular class of work. It cuts and binds into even sized bundles. It is equipped with elevator chains which help especially to pick up down corn. There is no waste and you always get a neat job when you use the McCormick. The binder can be set up any desired height. The distance between the gathering points on the corn binder is 22 inches. This will enable anyone to follow the row without missing a single hill. Complete catalogue showing the McCormick line in detail will be mailed on request.

mailed on request. Price, \$200.00-5 per cent discount for cash.

WOOD WHEEL FARM TRUCK



A flandy larm truck when a low wood wheels. Can be used for logging or any other farm work. This truck has extra long, well braced rearhounds and wood front hounds, fitted with a heavy cast reach plate. The axles and bolsters are made of hardwood, either oak, hard maple, or rock elm. The bolster stakes are mortised bolster stakes are mortised into the bolster, are ringed for tying or binding, and all are well troned. The wheels are of the best French and Hecht with grooved tires.

Fig. 91

Wheels. Price, Monarch Truck with 36 and 40 inch wood wheels 570.

A handy farm truck with

YANKEE HAY RAKE



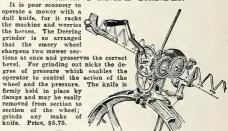
24 TEETH

This is the old reliable Yankee, which needs no introduction. It is a introduction. It is a very easy rake to oper-ate, each tooth being independent; it will pass over large stones with-out breaking the teeth. It is so easy to operate that a child can handle it. Price, \$35.00.

5 per cent Cash.

Fig. 92

DEERING KNIFE GRINDER



INTERNATIONAL WINDROW HAY LOADER



Fig. 94

This Loader is built principally of steel and is made to last. It will pay for itself in one season, but it will last for a life time. A Hay pay for itself in one season, but it will last for a life time. A Hay pay for the last pay for the last handling of hay. It does quicker and better work and at the same time saves labor. The Keystone Loader enables you to keep shead of the weather. The loader can be detached from the wagon by the driver simply pulling a rope extending to the top of the load which enables him to drive to the barn, while the next team picks up the loader.

With a Mowing Machine, a Side Delivery Rake, a Hay Loader and a Myers Hay Carrier, haying is made a pleasure instead of a drudgery. We can furnish you all of these at lowest market prices. Wt. 930 lbs., 6 ft. single cylinder. PRICE

Less forecarriage With forecarriage

.... \$ 85.00 100.00

5 per cent discount for cash.

WEBBER TWO HORSE WAGON This is the best farm wagon for the money on the market The very best lumber is inspected at the mills before being used and all the lumber is throughly air dried in covered sheds and the wheels are made of white oak. In fact, all the best goods are used exclusively on all Webber wagons, no poor or cheap grade stock is used. Wheels are the life of the wagon. Price, with two in. steel axis \$112.50 and \$175.00.

WEBBER ONE HORSE WAGON

Price \$112.50.

EVERYBODY KNOWS

ROSS SEED GROWS



No Barn Is Complete Without One of These

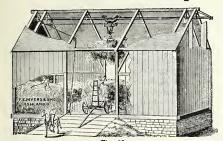
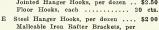


Fig. 95 Reversible Steel Track Hay Carriers

These carriers for rod, wood or steel track are the most qualitation and assess representations of the same and the same and the same are the same and the hammane when the same are the same and the same are the sa

Horse Hay Fork Fixtures

F	rig. PRIC	CES
	Steel Grapple, each \$	1.50
C	Knot Passing Pulleys, each \$	1.0
В	3 25 in. Double Harpoon Forks, each \$	2.50
	31 in. Double Harpoon Fork \$	3.0
	Reversible Carrier, each \$	7.6
	One Way Carrier, each (not shown), \$	7.6
	Wood Track carrier, each (not shown) \$	7.6
Α	A Steel Track, per foot (not shown) 22	cts
	Jointed Hanger Hooks, per dozen \$	2.5
	Tille and Tille and the control of t	



dozen (not shown) 85 cts.. G Six Tine Grapple Forks, each \$10.00 Four Tine Grapple Forks, each ... \$9.00

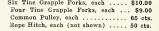
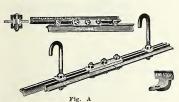




Fig. E Fig. F

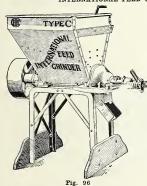








INTERNATIONAL FEED GRINDER



Grinding means saving feed and saving feed neans saving money. You teed and saving very teed to be a six of the control of the contro ernment stations and the tests were made on animals with good teeth and otherwise in healthy

The Improved Kelly-Duplex Grinding Mills

The Product of a Quarter of a Century's Experience in man-ufacturing Grinding Mills. A Continuous Record of

unacturing trinding Mills.

Superiority minous Record of Superiority.

The Kelly-Duplex is the Best Mill in the World.

BECAUSE it is provided with a double set of prinders or called the Duplex.

BECAUSE it is the only mill manufactured which has double or duplex grinders.

BECAUSE it has a grinding BECAUSE it has a grinding and can therefore do twice as much work.

much work.

much work.
BECAUSE it can do as much
work as any other mill of
double its size.
BECAUSE it is very economical
in the use of power, running
much easier than any other

Fig. 97

mill.

BECAUSE it will grind any kind of grain, cotton seed, ear corn
and cob, with or without shucks, velvet beans, pea vine hay, kafir
corn and heads, alfalfa, clover hay, etc., equally well, and produce
a grist of any desired quality, coarse, medium or fine. Capacity,

Capacity, Cap

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\$15.00

ROSS BROS. CO. WORCESTER, MASS.





Fig. 98

POULTRY SUPPLIES

INSURABLE STANDARD CYPHER'S INCUBATOR

When you buy a Cypher's Machine, you are not making an experiment, but are buying a machine that has been tested by thousands of satisfied users from coast to coast with a reputation behind it. Being the Pioneers in the Incubator business, they have added every scientific feature to the hatching process until the Cypher's Machine is in a class by itself, the best.

	Capa	DILLY-	
	Duck	Hen	
Weight	Eggs	' Eggs	Price
No. 0 Incubator	56	70	\$33.00
No. 1 Incubator	112	144	\$42.00
No. 2 Incubator	200	244	\$56.00
No. 3 Incubator	300	390	\$69.00
Cypher's Adaptable Hover, Price			\$18.50
No. 3 Incubator	300	390	\$69.0

THE SIMPLICITY INCUBATOR

Claimed by the manufacturers to be the world's greatest hatcher. Tank made of copper, heated by hot water. Has a smokeless burner, big oil fount, and has an absolute uniform heat, being circular in shape, no cold corners. Has a hatching capacity of six hens with scarcely any trouble at all. We have only the greatest praise from our customers who have used these machines,

Price, 50-egg Copper Tank, \$20.00; 100-egg Copper Tank, \$30.00, and 150-egg Copper Tank, \$36.00



THE NEWTOWN COAL BURNING COLONY BROODER The Newtown Coal Burning Brooder is constructed with scientific principles. Has a heavy metal facing around the fire bowl which prevents Chicks from getting burned. Has a double bottom, all parts securely bolted and cemented together. Built to last a life-time. It has a large heating surface, and a large fuel capacity, and a self-feeding coal magazine. The magazine holds sufficient coal to last from Built to last a inte-time. It has a large nearing surface, and a large rule capacity, and a self-feeding coal magazine. The magazine holds sufficient coal to hast from twenty-four to thirty-six hours. Has a special revolving draw center grate which cannot become elinker-clogged. Has both direct and check draught, controlled by

an automatic regulator, which makes an absolutely even fire. The automatic regulator is so arranged that it cannot come in contact with the Chicks, or be molested in any way. Special arrangement of the draught openings insure constant change of air beneath the deflector. We have two sizes, No. 7, suitable for a house 6x8 to 10x12, which can

accommodate two or three hundred Chicks. No. 11, designed more especially for two room colony houses, but can be used in any single room, would take care of five hundred Chicks.

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Fig. 100

Number No. 7 No. 11

Diameter	We	igh
deflection	cra	ted
48 in.	140	lbs
50 in	105	The

Size of smoke pipe 3 in.

Price \$25 00 4 in \$32.50

THE PUTNAM BROODER

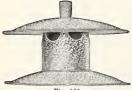


Fig. 101

This little article makes the best little brooder in the world. Stove costs \$4.75 with the stove we will furnish directions for building. Anyone can make this brooder out of a shoe box in a little while.

A shoe box, a few nails, this stove and an hour's time gives you a broader which will serve you as well as any other on the market. Stove \$4.75.

RELIABLE OIL BURNING BROODER



Fig. 102 Valveless, burns kerosene oil with a steady blue flame. Simple in construction, easy to operate. No wick to trim. Has automatic ventilator.





SEXTON'S DRY OPEN FEED HOPPER

Pron o unced to be the per of fered. construction, easily operated ated and a bsolute-ly "Rat" 'Mouse' Proof. The low-er cover is so arranged that it is held up by lock-

PATENTED JULY, 18,1911 Fig. 103

ing the

top cover of

Hopper over

per over same and by raising the top cover the lower cover will fall in place. This hoper is arranged to hang on the wall the desired distance from floor and never need be removed from the wall to be refilled. It is impossible to waste any feed as the pan at the bottom takes any feed that may be picked out and the last crumb can be used therefore saving any waste.

Price No. 2, 3 qt. \$1.25, 3 lbs. Price No. 1, 12 qt. \$1.65, 5 lbs. Price No. 5 24 gt. \$2.75, 7 lbs.



Fig. 104

The Anderson Egg Box is made of cor-rugated paper and has double faced corrurigated paper and has double faced corrugated paper partitions like the Eysie, to protect each individual erg. The babble the composition of the protect of the composition of the compo

1 Setting, 15 eggs, 10 lbs. per doz. \$2.25 2 Setting, 30 eggs, 13 lbs. per doz. \$3.15 24 lbs. per doz. \$4.25 50 Egg Size,



Fig. 106

CHICK PUNCH

Conductors Pattern cuts clean hole any number of combinations can be punched. 50 cts. Thumb patterns 35 cts.



The unique construction of this box af-fords the maximum pro-tection of the eggs. None of

ever

come in con-tact with the

side wall of the box and the diagonal

crossing of the divisions pre-vents the

them

of heavy galvanized iron. 2 qt. ... 65 cts. 4 qt. ... 85 cts.

qt. ... \$1.20 Fig. 108

Made of heavy galvanized steel. Used for chick coops or exhibitions. Cages, Price 18 cts.

DRINKING

Fig. 107 THE "EGGSELL" PARCELS POST BOX



Fig. 112

TWO PIECE FOUNT Round top,

to keep chicks from roosting, absolutely sanitary.

1 qt., wt. 12 oz. . . 30 cts. 2 qt., wt. 20 oz. . . 45 cts. 4 qt., wt. 24 oz. . . 60 cts.



Handy for retail trade.

Dozen			٠.														\$0.20
Bundle of	1	12;)	٠	٠	٠		*	٠		٠			٠			1.05
Per 1,000				•	٠	٠	•	٠	٠	٠	•	٠		•	•	٠	8.00

Fig. 109

weight of the eggs above from crushing those below weight of the eight solution for shing under the dependent of the large solution when you pack them, your eggs are in perfect condition when you pack them, breaking. Owing to the special construction of the box, the length and width is always the same.

The boxes come complete with instructions for properly packing and sealing.

1.4

	î	CKIN									Each	Per doz.	We	ight
	1	doz.	size	Э.							\$.25	\$2.50	9	lbs.
ı		doz.										3.50		lbs.
	3	doz.	size								.35	3.75	19	lbs.
		doz.										4.25		lbs.
	6	doz.	size					ı,			.45	5.00		lbs.
1	8	doz.	size								.55	6.00	33	lbs.

ERIE EGG BOX



Fig. 110

Made in two sizes for shipping eggs for hatching. Box is already to put the eggs in and insert the handle. Eggs are the cushion at the bottom for eggs to rest on. Can be sent by mail or express. Will stand a dead weight of over ½ ton. Use them once and you will always use them. do. No. 1. 15 eggs. 10 lbs. P. \$3.00 No. 2. 30 eggs. 19 lbs. \$4.50



STAR FOUNTAIN AND FEEDER

Probably more of these chick feeders sold than any other. Made of non-rusting material. Nothing to come unsoldered. For water or grain. Pits any mason jar. Wt. per dox. 4 lbs., price without jars, doz. \$1.65, each 15 cts.

Fig. 111

91

KEYSTONE BOTTOM FILLED

We think this is one of the very best bot-tom filled fountains on the market. Has a patented device so that the bottom can be unfastening the hook. Can be cleaned, filled, hooked back and

sizes.

Fig. 114 also hung up or set on the floor to be used for drinking. Comes in three

2 4 qt.75 at.

ROUND BOTTOM GRIT AND SHELL BOX.



Fig. 115

Round bottom-a feat-ure absolutely new to grit and shell boxes. No clog-ging of grit and shell in the corners. Easily the most s a t i s factory grit and shell box placed on the market. 2 size \$1.00.



ROSS BROS. CO. WORCESTER, MASS.

Poultry Supplies and Veterinary Instruments



Fig. 116

Fig. 120

THE LAWN PARK COOP SAVES THE CHICKS. Park Extended

The wire park pulls them out like a bureau drawer and is made from heavy galvanized hardware cloth. The main coop is made from strong 28 gauge galvanized iron. Size of coop; when park is fully extended as shown in cut, it is 18 inches wide, 19½ inches high and 48 inches long. When park is closed it is 24 in. long.

A small door is provided to let small chicks on have full range as desired.

A frotect the chicks from hawks, rats, weases, ermine, cold, storms, etc. Gives proper ventilates and aniation. The park pushes in like a bureau drawer. Price, each \$4.00.

Three for \$11.00



Fig. 118

Fig. 121 LEAD PROBES

For enlarging teats, Three small, medium, large. Each, 30 cts.

G.R. HILLINGS SON. FHILA PILLING'S IMPROVED INSTRUMENT For opening cows' teats. Experience not necessary to use this instrument. Experience is Price, each, \$1.00.

Fig. 119 GP.PILCING BSON, PHILA. PILLING'S PLAIN TEAT SLITTER Is closed for inserting and then opened

Price, each \$2.00. for use. THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN

The Norwich tomatic Air-Lock Fountain completely solves the problem of supplying fresh, clean water to the birds at all seasons of the year, and all poultrymenwill agree with us that there is no more disagreeable task connected with poultry culture or one that is more fraught with worry and care than the question of

watering. The construction the fountain is

of the fountain is such that it is physically and absolutely impossible for the birds to pollute or Patented Mar.11, 1913 water supply, and the only water exposed is about a half pint in the detachable drinking the containing the properties of th



CHAMPION ALUMINUM LEG BAND mbered 1-100. Price, 75 cts. per 100. Numbered 1-100.

*(XBKCKOKOKOKOKOK POULTRY KILLING KNIFE Fig. 1231/2 Price, each, 65 cts.



Foultrymen can double their profits by Caponizing their chicks. The operation is very simple—the instruction so full and explicit that anyone will be able to perform the operation. Capons are worth \$1.00 to \$1.50 more than cocks not Caponized. They are very much quieter in disposition. Complete with instructions, \$4.50. In Velret-lined case, no book "Complete Guide for Caponising," with every set.

Brooder T hermometer. 50 cts. Prairie



C Cypher's Incubator T hermometer, 75 cts.

States Incuba-tor Thermoneter, 75c cts.

D Regular Incubator Thermometer, 75 cts.





Closed Pig-Rounded Edges. \$1.00 per 100. Fig. 125

X-Ray Egg Tester, 40 cts. Fig. 126



Cannon

The different

metal, heav 3-in. \$1.75, postpaid. Price, copper 2½ in., 60 cts., 3 in. 70 cts. PHILADELPHIA

POULTRY MARKER Do you keep a record of chickens. breeds, hatches, etc., should be kept. There is no better or quicker way than by this marker, as over 200 different marks can be made by punching web between toes. They are well made, with steel spring and cutter, nicely nickle plated Made in two sizes. Sent postpaid on receipt of price, 35 cts., each.



IMPROV-ED KEY-STONE DE. HOVER

Fig. 128

Price, complete, \$18.00

The most powerful cutter made. Makes clean cut, No. 2 fracture.



EVERYBODY KNOWS



LIVE CHICK BOX



Hade from best grade of corrugated paper. For shipmen it is folded flat, but can be supported by the support of in the hands of our customers.

50		doz. lbs. lbs.	Size 11 x9x5 ½ 18x11x5 ½ 22x18x5 ½	\$1.50 1.75 2.50	
00	Chicks22	ibs.	22x18x5 ½	2.50	

ROSSCO SLATE COVERED SHINGLES



Fig. 131

Do not use common wood shingles Do not use common wood shingles when you can buy fire-proof slate covered shingles at the same price. Old dry wood shingles are the most dangerous things that you can have on your place. Sparks from fires and fireworks of any kind have destryed tousands of buildings which would have been saved if they had been covered with fire-proof

of buildings when would be they had been covered with fire-proof shingles.

They ome in two colors, red and green to the colors of the colors

thousand, \$6.25.

CERTAINTEED ROOFING

CERTAINTEED ROOFING
Certain-teed endures under all conditions.

is weatherproof, waterproof, spark proof, and
fire retarding, Rust cannot affect it. The heat
of the sun cannot melt it or cause it to run.
It is not affected by gasses, acids, fumes,
smoke, etc. These qualities have made
certain-teed the choice everywhere.
For factories, warehouses, stores, hotels,
garages, office buildings, farm buildings, and
out-buildings, red or green, it makes an artistic roof for residences.
Certain-teed Roofing is guaranteed 5, 10
to 15 years, according to thickness. Sold
by good dealers everywhere.

Price

Price

Light, 32 in., about 35 lbs. to roll s2.00 Medium, 32 in., about 45 lbs. to roll \$2.00 Eavy, 32 in., about 55 lbs. to roll \$3.25 Each roll covers 100 sq. ft., nails and cement naide. nside.



ROUND BABY CHICK FEEDERS Fits any mason jar.

12 hole, each 30 cts.



PEERLESS FOUNT Take off bottom to fill.
1 qt. 45 cts., 5 qts. \$1.00, 10 qts. \$1.35.

THE NORWICH AUTOMATIC EXERCISER AND FEEDER



Fig. 134

The Norwich Automatic Exerciser and Feeder, as its name implies, is an ingenious automatic machine for feeding and exercis-

PRICE LIST—No. 1, Quart Hopper, 13 lbs., \$5.00; No. 2, 14 Quart Hopper, 15 lbs., \$5.50; No. 3, 20 Quart Hopper, 20 lbs., \$6.50; No. 4, 32 Quart Hopper, 27 lbs.,



Fig. 135 THE DUPLEX double fount that keeps water pure.
... Price, each ... \$1.00
t, Price, each ... \$1.25



JUNIOR CHICK FEEDER Price, each 30 cts.



Fig. 137 DROP BOTTOM FOUNT
Fount is filled by inverting and bringing back bottom. Perfectly sanitary.
4 qt., 30 cts., each; 8 qt. \$1.60 each.

THE PUTNAM STOVE



Fig. 138

This little stove, 9x4 inches works wonders in cold weather. Keeps water warm he poultry house in the tooldest weather. In norder to have eggs in the rollest weather. In order to have eggs in the rollest weather. They will not drink as much cold water as warm Costs cally from 20 to 30 cents to operate furing the Winter. Stove \$2.00.

Send for plans to make an oat sprouter. Seat of whole outfit, including stove is less

than \$2.50.

NATIONAL OAT SPPROUTER



It pays to feed green stuff in winter

With this mechanical device green feed can be given to the poultry at all times. The tray contains five sprouting pans with a bottom drip pan. By feeding one pan full of sprout ed oats each day and replacing this same pan with a fresh sup-ply of oats, the new shoots from one to four inches high can be supplied to the fowls daily, giving a never failing supply of green feed.

Indorsed by all the poultry raisers and egg producers. Price \$7.50.

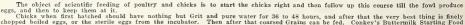
Fig. 139

qt.,



ROSS BROS. CO. WORCESTER, MASS.

Poultry and Chick Feed



one of the best

WYANDOTTE CHICK FOOD

After the chicks are a few days old the best food in the world is specially prepared Wyandotte Chick Food made from the choicest our specially prepared Wyandotte Chick Food made from the choicest Grains. A scientific feed which contains everything which the little chicks should have except drinking water and a little Grit. We have better than ever the present year. Some of the largest poultry raisers in the state use the Wyandotte Chick Food, and nothing else. Mixed in the right proportion to insure strong, healthy and lively Chicks. Price: 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00. Send for special circular.

WYANDOTTE CHICK GROWER. This is designed to follow Wyandotte Chick food. It contains practically the same properties only larger, and is just the food to feed chicks after they have reached the age where they do not need a little chick food. This will carry them through to maturity, without any other grain. Skimmed milk (iff it can be had) and beef scraps should also be fed, and plenty of fresh, clean water. 100 lbs. \$8.00.

WYANDOTTE SCRATCH FOOD. This can be used to follow Wy-WYANDOTTE SCRATCH FOOD. This can be used to follow Wyandotte Chick Grower, either as an every day food or more especially as an egg producer. It consists principally of whole grains, such as wheat, oats, barley, corn, b.ckwheat, sunflower, Kafir corn, charcoal and oil cake. Beef scraps can not be used in Scratch Food because oil cake, as it contains nearly as much protein as Beef Scraps, Feeding Wyandotte Scratch Food regularly will produce bone, muscle and eggs, especially the latter. It contains no oyster shells or grit. No waste material. The fowls will always find something tempting for which to scratch. A small amount of this thrown into the litter after they have great a night will standard be supported by the contains of the contains. See the contains the work of the work of the contains of the contains of the work of the contains of the conta will not lack eggs. Simply because a feed looks good to the naked eye is no sign it will produce eggs.

Price, 100-lb. bag \$2.35. Will allow 5 cts. for Scratch Feed

bags returned.

Conkey's Buttermilk Starting Feed for Chicks GUARANTEED ANALYSIS

Crude	Fibre .	4.00	p.	c.
Crude	Fat	3.00	p.	c.
Nitroge	en Free	Extract	p.	c.
Carboh	ydrates	60.00	p.	c.

DIRECTIONS FOR FEEDING

Chicks should have pare drinking water with chill removed and fine crit from the start, but no feed until 48 hours old. Then feed Conkey's Buttermilk Starting Feed dry just as it comes from the bag, giving them very little for the first few feeds, placing it on paper feeding boards so to give every chick that desires feed a chance to eat, leaving it before chicks for a few minutes, then removing whatever feed is left. After first few feeds, begin feeding four times each day, continuing the method until chicks are at least six days old. This method of light feeding on Conkey's Buttermilk Feed makes the digestive for the same of the start of the same start of the same of

WYANDOTTE MASH FOOD. In extreme cold weather we recom-

WYANDOTTE MASH FOOD. In extreme cold weather we recommend feeding a little hot mash just before night. At other times during the cold weather keep Wyandotte Mash Food before your fowls at all times. This can be best done by using the Sexton Dry Food Hopper. There is absolutely no waste in using one of the feeders and there is no waste material used in mixing Wyandotte Mash Food. This is sold under a guarantee to contain 16 per cent. protein, 3½ per cent. fat, 10 per cent fibre. It contains those grains that are high in egg making qualities. You are safe in buying food with the contain the contain the contain the contain the containt of the contains the contain the containt of t Price, 100 lbs. \$2.50.

SEMI-SOLID BUTERMILK

One hundred per cent pure unadulterated Buttermilk with nothing added to it, only the surplus water removed. It is sterlilzed and keeps always. For Baby Chicks, dilute four to eight times, from the time they are hatched. For growing stock, can be used as for chicks or with the wet mash. For laying and breeding stock, three to four lbs. per day, per 100 birds, either as a drink or a wet mash. Takes the place of Beef Scraps and is a wonderful stimulator for chicks and growing stock and a wonderful egy producer for hens. Equally good for pigs and calves. Price per keg, about 130 lbs. 9 ets. lb. One hundred per cent pure unadulterated Buttermilk with nothing

KAFFIR CORN. A good food for hens, chickens or pigeons. Market

PITICE.

DRY GROUND FISH. For poultry. This is a great egg-producer, and takes the place of beef scraps. 100 lbs. \$5.00.

WYANDOTTE BONE AND MEAT SCRAPS. These scraps are ground fresh for us, and do not contain any oyster shell or tankage, but are good, fresh bone and meat. 100 lbs. \$4.00.

WYANDOTTE DAIRYMAN'S CLEANER. An absolute necessity in every dairy. A powder, easy to use, and recommended by everyone that ever tried it. Frice 5-lb, bag 45 cts., 30-lb. keg \$5.56, 250-lb. barrel \$13.26.

WYANDOTTE EGG PRESERVATIVE

Enjoy summer prices of eggs in winter. A harmless preparation Enjoy summer prices of eggs in winter. A narmiess preparation in granulated form, easy to handle and economical to use. Will keep eggs 2 to 3 years in as good condition as when packed if directions are followed carefully. One quart will make four gallons of solution which is much superior to waterglass (Silicate of Soda). Price 35 cts., shipping weight 21/2 lbs.

SHREDDED ALFALFA. This is one of the best food for all kinds of poultry and pigs. It is alfalfa, pure as can be had, finely ground, and should be mixed with other kinds of feed, and being very light, it makes a very nutritive food and is also an egg-producer. 100 lbs. 82.50.

POULTRY GRIT. Cracked in three sizes. No. 2 for p 3 for pigeons; No. 4 for small chicks. 100 lbs. \$1.25. No. 2 for poultry: No.

GRANULATED BONE. Fresh cracked bone, without any meat, will keep for any length of time. Should always be kept in a box where the hens can get to it. 100 lbs. \$4.50.

CRUSHED OYSTER SHELL. For poultry or chicks. 100 lbs., \$1.25. KOW KARE. Prevents and cures abortion and barrenness. Increases the flow of milk. It is for cows only. 70 cts., weight 2 lbs. \$1.40, weight 4 lbs.

COW RELIEF. Cures caked bags and sore teats. Should be in every stable. 60 cts. and \$1.20.

CALF CORDIAL. Sure cure for scours and other similar complaints. 75 cts.

PIGEON FOOD. A mixture of Kaffir corn, wheat, etc. Lb. 10 cts., 100 lbs. \$5.50.

FINE CRACKED BONE. For small chicks; made from best selected white bones, finely cracked and screened. 8 lbs. 60 cts., 50 lbs. \$2.60, 100 lbs. \$5.00. EDIBLE BONE MEAL. For cattle. 10 lbs. 60 cts., 100 lbs. \$5.00.

WATER GLASS

A transparent liquid for preserving eggs. Comes in pints, quarts, and gallons. Pint can mixed with 11 pints of boiled water will preserve from 6 to 10 dozen eggs. This preparation is used by many in preference to the dry powder.

he preservative will preserve eggs perfectly.

Price: 1 pt. 25 cts., 1 qt. 40 cts., 1 gal. 90 cts.

FLY-A-WAY

This is an almost transparent liquid for keeping flies away from cattle, horses and all stock, also from stables. Has no tar substances to discolor light colored animals and wood work and does not leave a gummy substance after using.

Price, 1 gal, \$1.50.

DOG BREAD

Dr. Daniels' Dog Bread in biscuit form. All dogs howl for it. Price, 1 lb. 15 cts.

CONKEY'S ROUP CURE. Cures roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. 25 cts., 50 cts., and \$1.00. PHIS, 30 cts.

CONKEY'S LICE POWDER. Kills Lice and other pests on poultry, horses and cattle. 30 cts., and 60 cts.

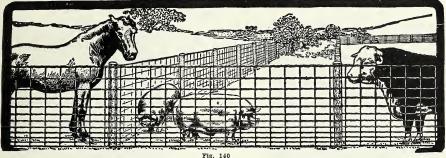
LAMBERT'S DEATH TO LICE. As its name implies, it is sure death to lice on hens and chickens. It is harmless to human and animal life. Should be used on setting hens; it will not injure the eggs or harm the youngest chick. 15-oz. size 25 cts., 48-oz. size 50 cts., 100-oz. size \$1.00.

DR. HESS' INSTANT LOUSE KILLER. Kills lice. Put up in round cans with perforated top ready for use in one and three pound packages. The large size is the cheaper. You get three pounds for 60 cts., and, with the handle, it is just as convenient as the smaller size. Large size 60 cts., weight 5 lbs., small size

PRATT'S LOUSE KILLER. Put up in one pound size. It kills the lice. Small size 25 cts., large size 50 cts.







A SUBSTANTIAL FENCE plays an important part to the profitable side of farming and the neatness in appearance of a well put up wire fence adds more than double the cost of the fence to the price of the farm. They are to the farm in general what paint is to the buildings. PUT OP FENCES and let the hogs and other animals go after the waste places and turn into profit what would otherwise go to waste.

Our general purpose farm fence is the 1047x12, and the dimensions contained in the above figures are explained as follows; Figure 100 and 10

832x6 10 rods \$6.50 20 rod rolls

American Steel Fence Posts

Too much cannot be said of the American Steel Fence Post. While the first cost of the steel post and the wood post is practically the same, the steel post can be set in about 5 minutes, while the wood post takes surely a half hour. With the American Steel Post the fence line can be burned off every year, thus getting rid of insects, weeds and rubbish. The clean farm grows the best and biggest crops and with the least labor and expense.

We carry a good stock, but the following are the best seilers

7 1/2 ft., No. 13, 80 cts. ccah.

6 1/2 ft., No. 16, 70 cts. each.

Send for complete fence catalogue giving all details.

American Poultry Fence

This fence combines the same features entering into the manufacture of the American Farm Fence, viz.: the Hinge Joint, Tension Curve, amply providing for connection and expansion, and its adaptability to uneven ground, without eatting or mutilating the

In comparing the price of this fence with other nettings don't forget that you are getting a fence as strong as the regular stock fence.

Made of No. 11 and No. 14 Wire. This fence is much stronger than any other fence sold as a poultry feace, the Top and Bottom Bars No. 11 Galvanized Steel Wire, Intermediate 3xcs No 13 Galvanized Steel Stay Wires No. 14 Galvanized Steel Wire

At the bottom are four spaces of 11/2 inches each; the higher spaces graduated to 5 inches.

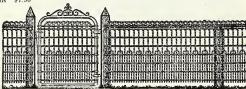


Fig. 142

Upright or picket wires are No. 9 heavily galvanized, spaced 2 % inches apart. Cabled line wires are No. 12 ½ heavily galvanized, spaced 6 inches apart, except the two top cables which are 2 % inches apart. Fence 42 in. high, per ft. 25 cts., per roll 330 feet, 16 cts. per ft. 42 in. Gate, 3 ½ if. opening \$5.50.

Two or four point. Regular or thick set.

Two Ply Twisted (no barbs). All on 80 rod spools, per spool \$4.75

Staples, per 100 lbs. \$5.50, per lb. 8 cts.

Ribbon wire (flat twisted), per lb. 9 cts.

The breeding of game birds, such as pheasants, Quail, Wild Ducks, etc. has proven to be a profitable as well as a pleasant occupation but reliable wire enclosures are necessary for protection against their natural enemies. We can supply netting of all kinds for that purpose

Design No. of Height Weight Price 10 rods No. Bars \$7.85 2158 21 58 in. 129 lbs. \$7.25 53 in. 122 lbs. 20 2053 1948 19 48 in. 115 lbs. \$5.85

UNIVERSAL POST HOLE

DIGGER Will nav for itself or one dozen if you use wooden posts.

No. 14, 10 inch \$2.25

No. 25, 10 inch \$2.50 Fig. 143

G

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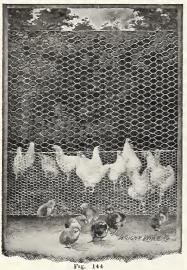
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ROSS BROS. CO. WORCESTER, MASS.

GALVANIZED POULTRY NETTING



Combination 1 in. and 2 in. Mesh Netting. A popular commission 1 m. and 2 m. mees netting. A popular method of erecting Poultry Netting for yards where small chickens are to he kent on one side and fowls on the other clickens. The strip 18 or 24 inches wide of 1 inch Meesh clickens with the strip 18 or 24 inches wide of 1 inch Meesh wide of 2 inch Meesh Poultry Netting above the finer mesh, as illustrated in cut.

	F	R	ICE	FOR	RO	LL OF	150 I	RUI	١N	ING	FEET	
											uge Wire	
1	ft.	2	in.	mesh.	. \$	1.65					mesh\$	
$1\frac{1}{2}$	ft.	2	in.	mesh.		2.35					mesh	
2	ft.	2	in.	mesh.		3.00	2	ft.	2	in.	mesh	2.50
				mesh.			2 1/2	ft.	2	in.	mesh	3.00
3	ft.	2	in.	mesh.		4.10					mesh	
				mesh.			4	ft.	2	in.		4.70
5	ft.	2	in.	mesh.		6.75	5	ft.	2	in.		5.90
				mesh.			6	ft.	2	in.		7.00
				mesh.			1	ft.	1	in.		3.25
1 1/2	ft.	1	in.	mesh.		5.85	1 1/2	ft.	1	in.		4.70
2	ft.	1	in.	mesh.		7.50	2	ft.	1	in.		5.85
				mesh.							mesh	
3	ft.	1	in.	mesh.	. :	10.00	3	ft.	1	in.	mesh	8.00

THE AMERICAN FENCE TOOL

The best, and amost useful all around fence hammer, staple and nail-pull-er, wire cutter, and splicing tongs com-bined. The tool is drop forged from tool-steel, h ighly and skillfully tem-pered. We guarantee each tool.

Weight 3 lbs. Price.

Perfection Trellis

a t tractive and pracand vine priced and durable; the cost is trifling. 19 in. 10c

\$1.50 each.



Single Trellis

EXCELSIOR POULTRY FENCE

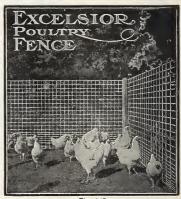


Fig. 147

Graduated from 11/4 in, to 4 ins, for chicks and also poultry. Made of No. 19 wire.

		Number of Approximate los.	
Ţ	nches	Horizontal wires per 10-rod roll	per roll
	60		4.50
	72		5.00
		light stock fence made of No. 17 wire	with No.
1	4 selva		
		in	
		in	
	72 i	in	7.00

PERFECTION FLOWER BED BORDER

Fits any shape or size of flowerbed. No posts required. Bottom left straight to be inserted in the Taken up in Fall and used from year to year. 22-in, height 13 cts. pe foot. Fig. 148



DR. HESS' STOCK TONIC. makes the money, but Dr. Hess' stock tonic makes the milk. We guarantee Dr. Hess' Stock Tonic to increase the bone, muscle and milk producing value of your hay, grain, etc., sufficient to cover its cost many times over, besides keeping animals free from disease. 2 lb. pkg. 25 cts., 7 lb. sack 50 cts., 12 lb. sack \$1.25, 25 lb. pail \$2.25, 100-lb. sack \$7.50.

DR. HESS' POULTRY PAN-A-CE-A. 11/2-lb. pkg. 25 cts., 5-lb. pks. 75 cts., 12-lb. pkg. \$1.50, 25-lb. pail \$3.00.

PRATT'S POULTRY AND CATTLE FOOD.

We have sold Pratt's Food for several years and always found it reliable and can recommend it with confidence to our customers. To get the best results it should be fed regularly. It keeps the poultry in good condition, and is indispensable in the stable. It keeps cows and horses in the pink of condition. Poultry Food, small size, 25 cts., large size, 50 cts., 12-lb. pails, \$1.40, 25-lb. pails \$3.00.



TRADE MARK REGISTERED



EVERYBODY KNOWS

ROSS SEED GROWS



WRIGHT'S ANIMAL TETHER

The cut shows the advantage of this invention, which is The cut shows the advantage of this invention, which is designed to obviate the danger of horses and other animals becoming entangled in the rope with which they are fastened. It consists of a pole about ten feet in length, connected with an upright bar, upon which it turns in any direction. The animal is fastened to the end of this pole by a rope, which is kept tast above his head by means of a great that the state of the state o ing the rope from under his feet.

Price, \$4.25

Fig. 149

The Chicopee Corn Sheller

Has hardwood frame, well mortised and painted, large hopper adjustable to all sizes of ears, heavy fly wheel separator which separates the ears from the Shelled corn, and chaff sieve.

An be furnished with which bolts to flywheel.

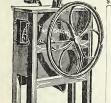


Fig. 150

Pyrene Fire Extinguisher The Fire Extinguisher That Puts Out
Any Kind of Fire
Every automobile
should have one and every set of farm buildings should have two or three, one in the house and one in the barn. They will not freeze and will TO OPERAT pay for themselves with what they can save from insurance. Price, Nickel \$11.00; Brass, \$10.00. PHOENIX FIRE EXTINGUISHER

A dry powder tube. Will stand freezing. Each, \$1.50.

Fig. 151

Kraut Cutters



Fig. 152

Made of extra quality Sugar Maple—Sanded so they are smooth—Finished in the white—Perfectly fitted sliding box—Steel knives with polished cutting edge—Knives red enamel finish up to edge—Thickness of cut instantly changed—Knives held firmly in position—No slots or holes to fill up and clog the machine—The simplest, cleanest and most perfect Cutters—Sure to give satisfaction—Can be set and used by each one.

Plain Steel Knives, Maple Wood; Each Knife Adjusts Separately, a Good Low Priced Kraut Cutter.

PRICE LIST

Knives Number
 Number
 Knives
 Size

 55E
 3
 9x26

 65E
 3
 11x30

HORN TRAINERS

(Patented October 2, 1906)

Symmetrical horns add to the selling value of an animal. By the timely use of a horn trainer a perfect in-curving horn is obtained. Breeders should keep a set of four sizes on hand, enabling them

to fit at any

to fit at any time any animal of the Jersey or Guernsey breeds. If a single pair only is desired, measure the horns from tip to tip and order the smallest size that will bright STOCK SIZES

No. 1 Closes to 5% inches.

No. 2 Closes to 7% inches.

Opens to 7% inches.

No. 3 Closes to 7% inches.

Opens to 13% inches.

Sent postage prepaid for \$8.50 for a set of four sizes, or \$2.50 each.

ECONOMY BOILERS



Fig. 154

No Farmer can afford to be without a farm boiler or large kettle of some kind. The Economy, shown in cut, is the cheapest of any on the market. For out door use only, as thas no grate. Prices, 33 gal, net cash price \$20.00; 48 gal, net cash price \$21.00; 65 gal. net cash price, \$28.50. Other sizes furnished if desired.

Cast Iron Corn Sheller

For convenience and general utility this little corn sheller will be found one of the handlest tools imaginable. It is so simple that there is absolutely nothing about it to get out of order, and so strong that it will not break. Net price, \$2.00. Weight 15 lbs.

The Red Chief Corn Sheller



The Banner Root and Vegetable Cutter



Fig. 155

The "Banner" root cutter contains features found in no other machine. It has a self-feeder; separates the dirt from the cut feed and leaves the cut food in such condition that the stock can-

No. 20 For hand power...\$20.00 7 For hand power... 7.00 30 For hand power ... 32.50

A substantial but low priced corn sheller, made of iron. painted red. Can be attached to a barrel or box. Adjustable for large and small ears. Has attachment for shelling pop corn. Price. \$2.50.

Pop Corn attachment, 50 cts.



ROSS BROS. CO. WORCESTER, MASS.





Wheel Mounted Truck \$54.00

This illustration shows the latest pattern Blizzard Cutter and Blow-Blizzard with self-feed table. The endless apron is com-posed of two steel

chains on which are riveted hardwood slats. chains on which are riveted hardwood slats. These chains are propelled and travel over sprocket wheels secured to a separate shaft directly in the rear of the lower feed roll. The bearings on this shaft are made adjustable, to take up the wear on the drive. The lower feed roll and the traveling table are driven from the same shaft, each yits own sprocket wheel and chain. This device reduces the strain on the drive chain to a large extent. This machine can be operated successfully with a smaller amount of power than any similar cutter These chains are proon the market.

Length		Power			and Angle
of knives	Capacity	H. P.	Speed	Weight	Deflectors
L 9-111/2 in.	4-6 tons	31/2 - 5	900-1100	700	\$156.60
L11-14 in.	5-8 tons	4 - 7	800-1050	1100	188.00
M13-16 in.	7-12 tons	7 -10	650-1000	1300	243.40
Extra pipe	for above in 2, 4	and 10	ft, lengths a	t 85 cts	per foot.
Angle joints.	\$1.10 each.				

THE HARDER SILO

The American dairyman is too well in-formed to longer doubt that the profit of

formed to longer doubt that the profit of his business is dependent largely upon the contents of a silo, for he recognizes the fact that in order to make good he must use the returns from his farm. The rigid, strong door frame not only adds to the stability of this silo, hut affords absolutely tight doors, which is necessary for all slage and a continuous ladder. This ladder feature is a valuable addition to the Harder Silo and is not used in connection with any other. It is used in connection with any other. It is safe, strong, rigid and affords ample room for a sure footing. The mill work and general construction of all these silos is perfect. Every stave, no matter whether for an 8- or 25-foot silo, is built for that particular silo and has just the correct bevel with a heavy half inch tongue and groove. As every piece is marked, there is no trouble whatever in putting up one of these siles

Send for complete catalogue and price.



FURNACES AND CALDRONS

For cooking feed, grains, etc., for heating water, for rendering lard and grease, etc., etc.

Hard or Soft Coal, or Wood.

LIST PRICES, CAPACITIES, ETC.

	15 gal.	22 gal.	30 gal.	45 gal.	60 gal,
Furnace and					
Caldron for coal	\$43.50	\$54.00	\$66.75	\$78.75	\$90.00
Furnace only	27.00	33.00	41.25	45.00	51.50
Stove only	19.50	23.75	28.50	34.50	37.50
Caldron only	11.50	13.50	16.00	21.00	24.00
Cover only	4.00	5.00	6.00	7.00	8.00
Coal Fixtures only	9.00	12.00	13.00	17.00	21.00
Furnace and					
Caldron coal					
shipping weight,					
lb	3.00	3,50	4.00	6.00	8.00
Furnace and					
Caldron coal					
shipping weight.					
lb	6.00	8.00	9.00	11.00	13.00



engine that you can huy. At the present price of gasolene, the cost of fuel is one of the most important questions in buying an engine. For that reason the International people have built this to Fig. 160 operate with kerosene and in buying, it is well KEROSENE to consider this one important fact, for the fuel

consumed is the main item of expense in operating any engine in ten units or groups of parts, so that any trouble can he easily is in ten units or groups of parts, so that any trouble can he easily jacket are cast in one piece. This means perfect alignment of parts. There are three openings into the crank case that gives access to every part. The crank case can he drained of oil. This means a clean engine. The piston has four trings that hold compression perfectly. The connecting rod has wide, thick bearings. The mixer experienced person imple that the engine can he operated by an in-experienced person. experienced person.

| Penced person. | 1½ Horse Power, Weight 341 lbs. | \$74.25 | 3 Horse Power, Weight 494 lbs. | 105.50 | 6 Horse Power, Weight 869 lbs. | 171.60 | 10 Horse Power, 5% cash | 331.15

Improved De Laval Cream Separators and Clarifiers for Both Hand and Power The Standard Separator, A Money

Maker for Any Farmer De Laval Cream Separators are guaranteed to be as represented and to fulfill all the claims made and to fulfil all the claims hade for them, being sold subject to the guarantee of their unqualified su-periority in every material feature of separator practicability inclusive of separator practicability inclusive of the production of a greater value of cream and of a greater quantity of butter of better quality than is pos-sible through the use of any other separator or creaming system. Improved No. 5. actual capacity, 225 lbs. per hour, 865.00. Improved No. 10, actual capacity, ity, 350 lbs. per hour,

ity. \$80.00. Improved No. 12, actual cap-acity, 500 lbs. per hour, \$90.00.

\$90.00. Improved No. 15, actual capacity, 750 lbs. per hour, \$110. Improved No. 17, actual capacity, 1000 lbs. per hour, \$125.00. Improved No. 19, steam turbine, actual capacity, 750 lbs. per hour \$180.00.

actual capacity, 150 lbs. per hour, \$160.00. Improved No. 20. steam turhine, actual capacity, 1000 lhs. per hour, \$175.00. Send for complete catalogue.

Ask for circular and price. INTERNATIONAL CREAM SEPARATORS.



The Victor Lever Cutter

Fig. 161

The best lever cutter made. Knife always up to its place. Prices No. 1, \$7.25; No. 2, \$7.50; No. 3, \$10.00; No. $2\frac{1}{2}$ \$8.00.

Ohio Hand-Power Cutters Nos. 81/2 and 101/2

Best Hand Cutter made

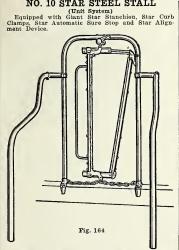
Knives Knives Length of cut Price 8½ . . 8½ . 2 . ¼, ¾, ¼ in. . \$40.00 10½ . . . 10½ . . 2 . . ¼ . ¾, ¾ in. . . 46.00







NO. 10 STAR STEEL STALL



The Star Alignment Device, with which this stall is equipped, lines the cows up at the gutter. You can't buy cows all the same length, but the eleveninch adjustment of the stanchion afforded by the Star Alignment Device solves the difficulty. Price of Stall, \$14.50. For name plate (if desired) add 80 cts.

STAR LITTER CARRIERS

Take the hard work out of chores



Fig. 165

A Star Litter Carrier will preserve all the fer-tilizing value of your "pay dirt"—will get it out of the barn where it does harm-ready for the fields where it does good. One man operating a Star Litter Carrier can clean a barn as quickly as three with the old fa-shioned wheelbarrow method.

Price, 2 Tub size\$42.20 4 Tub size43.20 6 Tub size45.20

Send diagram of barn and without obligation to you we will gladly give you an estimate of a carrier all complete. One of the greatest labor saving devices in the barn.

Star Sanitary Water Bowl

Cost returned in profit



Fig. 166

Nothing will return its cost in extra profit quicker than STAR Sanitary Water Bowls. They cut out the winter slump in the production of milk. To the man who sells milk. To the man who sells milk to means spring and summer quantity at winter prices, and of this reason a good, by extra profit.

profit.

A cow will drink more water if she can have it just as she wants it, especially in winter, when the tempered water given her in the stall is more relished than the icy water from the trough in the unsheltered barnyard. Some cows won't even drink warmed water, while fighting a blizzard in an open yard.

This bowl gives the cow drink when she wants it. She takes a mouthful of hay or feed, and then a drink of

Price, each \$3.35,



STAR FEED TRUCK



Fig. 168

 16 Bushels Capacity
 \$38.00

 25 Bushels Capacity
 47.60
 Buckley's Patent Watering Device for

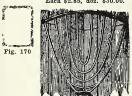


Fig. 169

Water where cattle can get it at any time during the day. Which is a necessary in every first-class stated by which is a necessary in every first-class state and at the proper temperature. Not so high price as the Star shown above. Will answer every requirement. Thousands sold. Threaded for 3¼ in. pipe.

Price, each \$2.00, per doz. \$21.60.

Cast Iron Hay Rack Each \$2.85, doz. \$30.00.



Cast Iron Manger Each \$2.75, doz. \$28.00.



Warriner's Patent

Chain Cattle Stanchions

Probably more Warriner's Ssanchions sold in New England than any other kind. Fastened top and bottom by short chain which gives the animal perfect freedom. Each, \$2.50, doz. \$28.00.

Send for special barn equipment catalogue.



ROSS BROS. CO. WORCESTER, MASS.

THE HINMAN MILKER MACHINE

The machine that saves The machine that saves time and reduces the cost of producing milk. One of these machines with one man will do the work of three men. It is the one helper that you know will stay with you and that will be on the job Monday mornalize. It can be operated by ing. It can be operated by any kind of power. Hinman Milker Machines

have been in successful operation (and in some of the most noted stables at Fig. 172

nost noted stables at that) for several years. What this machine has done for others it will do for you.

The Hinman will soon pay for itself whether you have a small or large herd. You cannot afford to be without

one If interested drop us a line and if within 25 miles we will have our man call and look your stable over complete outfit all installed ready for use.

8-bottle

20th CENTURY BABCOCK HAND MILK TESTER.

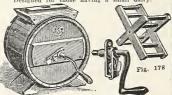
Complete with glassware



VARNISHED CYLINDER CHURNS Designed for those having a small dairy.

12-bottle

17.50



No. Capacity \$3.75 1 gal. 2 gal. 6 gal. 6,50 4.85

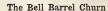
BLANCHARD BUTTER MOLD



Initial engraved 25 cts. extra. Weight 1 lb \$1.00 One half pound Two pounds

WATER'S BUTTER WORKER







White oak, thoroughly seasoned and kiln dried, having galvanized iron rim in head, making it as strong as a barrel with two solid heads.

neath, making it as strong as a barrel with very solid head as the strong of the stron



Dairy Scales

Graduated in 1 oz. Weighs 30 lbs. Made especially for dairymen. Has adjustment for taking out weight of pail. Price, \$6.00. Weight 4

Fig. 182

No. 0	1 to 15 l	bs	\$18.50
No. 1	, 5 to 30 l	bs	19.50
No. 2	, 5 to 50 l	bs	20.50
No. 3,	5 to 50 lb	S	21.00
No. 4	, 10 to 80	lbs	21.50

THE IDEAL MILK COOLER



The Ideal Milk Cooler and Aerator does The Ideal Milk Cooler and Aerator does what no other cooler does, namely, thoroughly cools the milk and at the same time aerates it perfectly, so that it is ready to ship or peddle at once. No time is lost in stirring merning's milk and getting it and the same time is not sufficient to the same time. So we will be a fast as milked.

Suitable for 10 to 15 cows. No. 2. Price, \$11.00.

No. 3. Suitable for 25 to 40 cows.

Price, \$12.75.

FLAT WIRE BOTTLE CARRIER

New Style and Improvement. 6 1-qt. Bottle Car-rier, \$1.75. Weight. 3 oz., 8 1-qt. \$2.25.





WIRE BOTTLE CARRIER

6 1-qt. Bottle Car-rier, \$1.20. 4 1-qt. 2 pint Bottle Carrier, \$1.25 1-qt. Bottle Car-rier, \$1.25.

Fig. 175

SCALES RBANK'S DAIRY



Indispensable for the dairy; has porcelain to weight from oz. to 25 lbs. Net Price \$16.00. Fig. 176





MILK PAILS



Fig. 183 Plain Span Top Dairy Pails. Made from heavy tin. 12 qts., \$1.50; 14 qts., \$1.65. COMMON SENSE MILK PAIL

Fig. 184

 10-qt. Light Galv. Pails
 35 cts.

 12-qt. Light Galv. Pails
 45 cts.

 14-qt. Light Galv. Pails
 50 cts.

White Army Pails 75 cts.

Common Wood Pails 50 cts.

This is a pail we sold in quite large quant This is a pail we sold in quite large quantities previous to the war. Since then we have not been able to get it until this coming season. The manufacturers have resumed making it and we will, therefore, be able to supply the demand in the future. It is made of extra heavy tin, strainer removable, each to clean and keep in repair. Frice \$2.75.

Sanitary Milk Pail The New Dover



Fig. 186

The Breast on The Breast on our Pail has a guard with absolutely prevents dirt from falling from the breast Made of into the pail.

Capacity 14 qts.; diameter bottom, 9 % in.; diameter top, 12 ¼ in.; extreme height, 13 ¾ in. Net weight, 4 ¼ lbs. each. Shipping weight, 6 lbs. each. Price, \$3.25 each.

Gem Combination Milk Bucket With Removable

Strainer It has no equal in its

Made of the best IX tin, with Steel Strainer Frame. The Gem Combina-

Fig. 188

tion Milk Bucket can be used for milk with strainer, or the strainer used for milk with strainer, or the strainer can be removed by a single turn of the latch and the bucket used for any other purpose. The Strainer is constructed of Steel, with Fine Brass Wire Cloth and can be readily converted into a cloth or muslin strainer by simply covering the frame with the cloth and

inserting the frame in place
Prices, 10 quarts, each \$1.10; 12 quarts, each \$1.25; 14 quarts, each \$1.40. Weight 3 lbs.

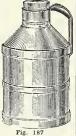
MILK CANS

Hi-grade Worcester Pattern Cans with wood bung.

hv bv Ea. Doz. 100 10 at. \$2.20 \$2.10 \$1.00 8 qt. 1.85 1.75 1.65 6 qt. \$1.60 4 qt. 1.45

2 qt. 1.00

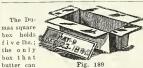
1 qt. Funnels



BOTTLE TOPS

Made of heavy card parafined, plain or printed as follows ("Guaranteed Pure Milk". Please put out bottles every day.) Per 1000.....\$.60

	5000	٠.	٠		٠																	2.65
Li	pped	C:	aj	28		8	a	n	n e	9	8	ıs	a	b	0	v	e	÷				
Per	1000		Ĵ																			\$.65
	5000																					3.00



be turned out of and left in good shape. Price per dozen, all papered, \$2.00. We also have the five pound round boxes at \$2.00.



No loose weights to get lost or mislaid. The two beams do the work. A handy farm scale. 600 lbs. only in stock Capacity 600 lbs. Size of platform 16 x 22½. Net Cash

THE R. B. MILK BOTTLES

25

This bottle is a great improvement over any other style of bottle made, from the fact that it has no corner for the dirt to stick in. The bottom inside being made round, it cleans very easily. We have them made expressly for us, and every bottle is extra quality glass, and stamped on the side: "This bottle to be washed and returned."

Pric	es		
One quartPer		Per gross	\$10.25
Pint Per	doz90	Per gross	8.50
One-half pintPer	doz75	Per gross	7.40

HORNE VERTICAL CAN STRAINER

Is warranted to filter milk through filtering flannel as fast as poured and remove the finest trace of sediment, leaving the milk absolutely clean.

Filtering flannel is superior to absorbent cotton when used with the vertical process. Note illustration showing air vents for the free circulation of air.

Were it not for the air circulation milk could not be successfully strained through filtering flannel, as a quart of air must escape as fast as a quart of milk is poured.

Price of strainer with double flannel, \$3.00. Price of double flannel, 50 cts.



Fig. 191





ROSS BROS. CO. WORCESTER, MASS.



Butter Jars and Covers



The ideal package for keeping butter and putting down eggs in water glass; also fruits and vegetables.

1	gal			\$.75
	gal			
	gal			
4	gal			2.00
/5	gal			2.25
	gal			
8	gal			3.00
10	gal			4.00

Fig. 192

Bean Pots with Cover

1 qt. 25 cts.; 2 qt. 30 cts.; 3 qt. 35 cts.; 4 qt. 40 cts. Jugs: 1 gal. 30 cts.; 2 gal. 60 cts.; 3 gal. 90 cts.; 5 gal. \$1.50.



Fig. 193

The Hessler Mail Box



Conforming in every way to the Post Office requirements, for rural delivery box. Dimensions, No. 1 18\\(\frac{1}{2}''\) logh, 6\(\frac{1}{2}''\) wide and 7\(\frac{1}{2}'''\) high; No. 2 23\(\frac{1}{2}'''\) long, 11" wide and 14" high.
Inside measurements, No. 1 weighs 10 lbs.,

Inside measurements, No. 1 weighs 10 lt No. 2 weighs 25 lbs. Price of No. 1 is \$2.00; No. 2 \$3.00.



MAJESTIC ROTARY WASHER



Ball bearings and balance fly-wheel almost make it run itself. Price, \$12.50.



WHITE MOUNTAIN ICE-CREAM FREEZER

Fig. 197

PRICES	P	R	Ι	C	E	s	
--------	---	---	---	---	---	---	--

1	qt																							\$3.00
2	qt																							3.65
3	qt			٠.						•				٠	•	٠	٠	٠	٠		٠	٠	٠	4.00
4	qt			٠.	٠				٠		٠		٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	5.00
6	qt	٠.	٠	٠.	٠	• •	•	٠	•	٠	٠	٠.	٠	٠	•	٠	•	٠	٠	•	٠	٠	٠	6.25

SMALL'S CALF FEEDER



Fig. 198

The original calf feeder. Price, \$5.00. Weight, 4 lbs.

LANTERNS

Will give a good light and are absolutely safe to carry. No. 2 Blizzard. Price, \$1.65. Weight, 3 lbs.

Deitz, Jr. Wagon Lamp. Conforms to State Light Law. \$2.00,

No. 0. Monarch, \$1.00. No. 2. Royal, \$1.25. Weight, 3 lbs.

Lantern Globe, No. 0, 20 cts. each; No. 2, 20 cts. each; Bull's Eye, 25 cts. each. Weight, 1 lb.

Fig. 199

SUCCESS ASH SIFTER



Keep the Home Fires Burning, but sift your coal and save every piece.
Rightly named, for it does the work in half the time with no dust or noise and with very little work.

No.	1.	Fa	mily	size				\$3.50
No.	2.	La	rge i	urnace	size			7.50
No.	1.	Co	mple can	te wit	h galva	nized	asn	5.00
					18x26			



Rittenhouse Out-Door Fly Trap

Fig. 201

Is 19 inches high and 11 inches in diameter. The framework is galvanized sheet metal covered with black painted wire cloth.

One of the best traps yet invented for ridding the stable of flies. Price, \$1.75 each.







Fig. 202 All of the saws are made to drop wood on right-hand saws are made to drop wood or right-hand she was a result of the same of the result of the same of 8.00 7.00

For 24 in. Saw add

Fig. 207

TREE SAWS

Simonds Hollow Back Pattern.
5 ft., \$3.45; 5½ ft., \$3.80; 6 ft., \$4.30.
Same as above. only two gauges thinner on back.
5 ft., \$3.80; 5½ ft., \$4.15; 6 ft., \$4.60.
Common V Tooth. 5 ft., \$2.15; 5½ ft., \$2.65; 6 ft., \$3.25



Cast Iron Hog Trough

Cast iron hog troughs. Nearly the price of wood troughs and will never wear out. 4 ft. \$6.00 each, 5 ft. \$7.50.

Saw Handles

Triumph pattern Clamps on end of saw with thumb nut. Per pair, 50 cts. Loop pattern, loop

made of welded steel. Per pair, 60 cts.

Fig. 209



PRUNING SAWS



Fig. 203

Table Saw

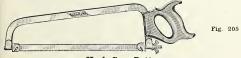
Has narrow point. Easy to use between close limbs. 16 in. \$1.25, 18 in. \$1.35.



Fig. 204

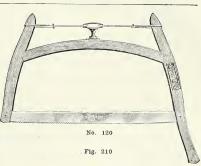
Double Edge Straight Saw

Very popular. 16 in. \$1.00, 18 in. \$1.15. Same pattern as above, crucible steel. Warranted. 16 in. \$1.65, 18 in. \$1.75.



Hack Saw Pattern

Flat steel frame. Beech handle. Blued steel blade. $14\,\frac{1}{2}$ inches between centers of holes. One of the best sellers. \$1.65. Extra Blades 30c each, \$2.75 doz.



Wood Saws

No. 120 Our best wood saw. High curbed frame, Natural wood, extra thin blade. \$2.35.

No. 103 Stained Walnut frame, 134 in, thin blue blade, \$1.75.

No. 104 Double braced frame. Natural wood, 2% in. blade. \$1.85.

No. 107 Red Frame. 2 in. blade. \$1,25.



California Curved Pattern

14 in. Crucible Steel, warranged. Each \$1.15.



One Man Saws

31/2 ft., \$3.75; 4 ft., \$4.25.



ROSS BROS. CO. WORCESTER, MASS.



JUMP TRAP

WITH



Asparagus Buncher

Price \$4.00.

Mailing Weight, 5 lbs. Fig. 212

ARLINGTON SLIDE HOE

Fig. 213

Used by nearly all of the large market ardeners. Where there are no stones it will gardeners. do excellent work and do it fast. Made in three sizes. 8 in. \$1.50, 9 in. \$1.65, 10 in. \$1.75. 3 lb. Handle not included by parcel

Fig. 217 ASPARAGUS KNIFE

Best asparagus knife made. Made of best steel, strong and rigid. Price, 50 cts. Mail-ing weight, 1 lb.

CEDAR PLANT TUBS

Nicely painted Pat. Drop Handles Cast Iron Feet

Flat hoops with lugs and standard

Fig. 218

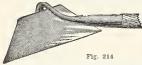
3 18 % " 16 % " 18" % " 3" 28"



Light in weight, open up flat and used extensively by lots of trappers. The Nos. 91 and 91½ have double jaws which catch the animal high on leg and prevent gnawing of

Sizes	Εa	ach	Doz.	Sizes	Each	Doz.
			\$2.50			
			3.00			
			4.50	91 1/2	 .55	5.50
2		.75	7.50			

SUNNYSIDE HOE



The above cut shows the Sunnyside or Strawberry Hoe, invented several years ago by one of our largest strawberry growers and since then used by several of the leadand since then used by several of the leading fruit growers in the state. It is especially adapted for small fruits and lose cultivation. Price, each \$1.25. Mailing weight, 2½ lbs.

RICHMOND PLANT TUBS Painted, green rd. wire hoops,

.0N 128 456011	doL 6" 8" 10" 15" 15" 16"		44deq 6" 7" 8" 9" 14" 15" 16"	** * * * * * * * ness	sdooH 223333333	1. Weight 1. Weight 2	
1	6"	5"	6"	36 "	2"	1"	\$.75
2	- "	5"	7"	3/2 "	2"	1 1/6 "	.85
3	8"	6"	8"	3/4 "	3"	21/2"	1.00
4	9"	7"	9"	3/4 "	3"	2 3/4 "	1.10
5	10"	7 1/2 "	9"	7,"	3"	3"	1.25
6	11"	8 1/2 "	10"	1/2 "	3"	4"	1.40
10	15"	11 1/4 "	14"	5/6"	3"	8"	2.65
1	16"	12 1/2 "	15"	5/."	3"	9"	\$.75 .85 1.00 1.10 1.25 1.40 2.65 3.00 8.50
9.	1 , "	1316"	16"	5/5 "	2"	12"	3.50

STEEL GRASS HOOKS



NOLIN ALL STEEL CONCAVE GRASS HOOK. 75 cts.

NORCROSS IMPROVED HAND GARDEN CULTIVATOR



Fig. 215

A very handy garden tool, 5 prongs, \$1.00, 3 prongs, 75 cts. Hand, 40 cts. Mailing weight, 3 lbs.

COLUMBIA REVOLV-

ING LAWN SPRINKLER

Price \$1.75

NIAGARA ROUND

LAWN SPRINKLER

Price 75 cts.

5 lbs.

Fig. 220

11/2 . .

SCUFFLE HOE AND HANDLE

6 in. 50 cts., 7 in. 55 cts., 8 in. 65 cts., 9 in. 75 cts. Weight 1 lb. Handle not included by parcel post.

Fig. 219

THERICE WEANER

Does not hinder the animal from eating drinking. En-dorsed by all users. Works like a charm. Three sizes. price Small,

40 c. each; Med., price 55 c. each; Large, arge, price



Fig. 223

THE BOX THAT MAKES THE PLANT GROW

GALVANIZED STEEL WIN-DOW BOX, painted green. with water reornament an any house.



Fig. 216

Also used with best of results in the cemetery or for Living Boquets. 30 in. long, 8½ in. wide and 6¼ in. deep. \$1.65.

VICTOR TRAPS AND CHAINS No. 1 Victor Giant, each 25 cts., doz. \$2.65.

3.50

Has spring on outside and preserred by many trappers on account of price and serviceability. Sizes Each Sizes Each 0 . \$.20 \$2.00 .2\$.45 375 \$4.50 7.50 .25 2.50

Pull Easy Hoe



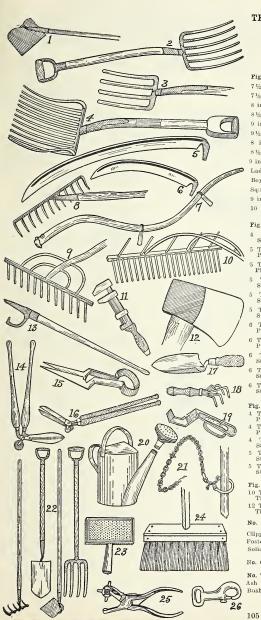
Fig. 224

This hoe is easily adjusted from a wide rake to a narrow weeder, which makes it a convenient tool for either market gardener or anyone who desires a handy convenient weeder or hoe. Price, Plain 85 cts., with wheels \$1.65

GALVANIZED STEEL PLANT TUBS, built on the same principle as the Galvanized Steel Window Box with water receptacie. Can also be hung from the ceiling and makes a also be hung from the ceiling and makes a very attractive hanging pot. 10" square, 7½" deep. \$1.25 12" square, 8½" deep. 1.75 14" square, 10½" deep. 2.50

104

911/2.... .50 5.00



THE FOLLOWING IS A PARTIAL LIST OF THE LARGE LINE OF HAND TOOLS WE CARRY

In ordering give name, number and size.

	· ·
Fig. 1. Hoes,	No. 8. Steel Rake.
7 1/2 -8 in. Field Socket \$.95	12 Tooth, iron\$.60
7½-8 in. Field Shank90	12 Tooth, steel
	14 Tooth, iron
8 in, Meadow Socket 1.10	14 Tooth, steel
81/2 in. Meadow Socket 1.10	16 Tooth, iron
9 in. Meadow Socket 1.15	16 Tooth, steel 1.00
9 ½ in. Meadow Socket 1.15	No. 9. Rake.
8 in, Meadow Shank95	2X, 3 Bow, Bent
8 1/2 in. Meadow Shank	No. 1, 3 Bow, Bent
9 in. Meadow Shank 1.00	Lawn Rake, 24 Teeth, XX .90
	No. 10 Drag Rake 1.50
Boys'	No. 11. Wrench. 8 in 1.15
Square Top Onion 1.00	10 in
9 in. Mortar 1.10	
10 in. Mortar 1.20	No. 12. Foster Axe 1.65
	Black Jacket Axe 1.75
Fig. 2. Manure Forks.	No. 13. Cant Hooks 2.75
4 Tine, Long Handled	No. 14. Lawn Shears 4.25
Strapped 1.35	
5 Tine, Iron D Handle, Plain 1.50	No. 15. Grass.
Plain 1.50	Shears, .35 and .75
5 Tine, Wood D Handle, Plain 1.80	No. 16. Lawn Shears 4.50
5 Tine, Long Handled,	
5 Tine, Long Handled, Strapped 1.70	No. 17. Garden Trowel. 6 in. Steel
5 Tine, Iron D Handle,	
Strapped 1.70	No. 18 Secor Weeder .12
5 Tine, Wood D Handle.	No. 19. Noyes Weeder25
Strapped 1.80	No. 20. Watering Pot.
6 Tine, Iron D Handle,	4 quart
Plain 1.80	6 quart
6 Tine, Wood D Handle, Plain 1.80	8 quart 1.00
	10 quart 1.10
6 Tine, Long Handle, Strapped 1.80	12 quart 1.30
6 Tine, Iron D Handle,	16 quart 1.50
Strapped 1,90	N- 01 Com Win
6 Tine, Wood D Handle, Strapped 2.15	No. 21. Cow Tie. 3 ½ feet
Strapped 2.15	4 feet
Fig. 3. Spading Forks.	4½ feet
Fig. 3. Spading Forks. 4 Tine, Iron D Handle,	
	No. 22. Garden Sets.
4 Tine, Wood D Handle,	1. 3 pieces
Plain 1.50	3. 3 pieces 1.00
4 Tine, Wood D Handle, Plain 1.50 4 Tine, Long Handle, Strapped 1.35 5 Tine, Iron D Handle,	4. 4 pieces 2.00
5 Tine, Iron D Handle,	4 Piece set (not shown)
Strapped 1.95	a fine warranted set 2.75
5 Tine, Wood D Handle, Strapped 2.10	No. 23. Cattle Card.
	No. 02, large leather,
Fig. 4. Coke Fork.	bound
10 Tines, 11/4 in. between	No. 04, small leather 30
Tines, 1¼ in. between Tines 2.40 12 Tines, 1¼ in. between Tines	
Tines 1.80	No. 24. Rattan Brush Broom.
No. 5. Scythe. Mailing	5 row, 14 inches 1.25
Wgt.	5 row, 16 inches 1.40
Chipper\$1.65 3	6 row, 16 inches 1.50
Foster, all steel 1.85 3 Solid Steel 1.75 3	
Bona Breet 1.79 S	No. 25. Revolving
No. 6. Brush Scythes 1.65 2	Harness Punch.
No. 7 South South	4 Tube
No. 7. Scythe Snath, Ash 1.50	
Bush Snaths 1.60	No. 26, Harness Snaps. .05 to .15
	.03 60.13
For parcel post ra	tes see page one.



ROSS BROS. CO. WORCESTER, MASS.



Fig. 225

CURVED TOOTH STEEL RAKE. 12 teeth 90 cts. each, 14 teeth, \$1.00, 16 teeth \$1.10 each.



Fig. 226 QUEEN REVERSIBLE LAWN RAKE \$1.00 each. 3 lbs. No handle by parcel post.



227 Fig. 227 TURF EDGER \$1.00 each. 3 lbs. WIRE RUBBISH BURNERS

No. 12, 24x14..\$2.40 No. 13, 29x17.. 3.00

FRUIT

Price, 75 cts.

PEERLESS UIT PICKER

Fig. 229

1 lb.



Fig. 231
Green and gold.
Small, 50 cts. each;
medium. 60 cs. each; large, 70 cts. each.



COTTON GLOVES For garden work 25 cts per pair postpaid.



Fig. 235 SECOR WEEDERS. 12 cts. each, \$1.10 doz.



Fig. 236
COOPER HOSE MENDER. (All brass.)
½ in. and ¾ in. 8 cts. each; 75 cts. doz.
½ in. and ¾ in.



PERFECT ALL BRASS CLINCHING HOSE COUPLING. 35 cts. set. Menders, 10 cts. each. Put it on hose and hammer it



SURE GRIP HOSE BAND. 1/2 in. and 3/4 in., 3 cts. each; 2 for 5 cts.

STEEL WIRE SPRING CUSHIONS



Fig. 239 Always Dm

Size	Price
Mowing Machine	\$1.75
14 in. x 15 % in. Single Seat	1 75
14 in. x 19 in. Single Seat	2.00
14 in. x 22 in	0.05
14 in. x 26 in	0.75
14 in. x 28 in30 in32 in.	2,75
14 in. x 45 in	3.00
14 III. X 40 III	3.50



Fig. 240 HAZELTINE HAND WEEDER. 30 cts. each.



HEAVY POLISHED HEDGE SHEARS Price \$2.25, with notch for heavy work, \$2.50. 4 lbs.



WEEDING HOOK, 3-tine Price, 75 cts.



Fig. 243 Price, 75 cts. IRON DIBBER.

Fig. 244 GARDEN TROWEL. Price, 18 cts.



WIRE WICKET. Painted Green Heavy, 85 cts. per doz.; light, 75 cts. per doz. GARDEN LINE REELS. Two sizes. holds 200 feet of line, \$2.85, Wt. 3 lbs., holds 300 (t of line, \$3.85. Garden line, per hank \$1.



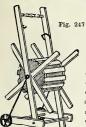


CLEVELAND LAWN WEEDER. The curved edge of the blade enters and loosens the soil; pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge it without disturbing the surrounding soil. Price, 75 cts. 2 lbs.

EVERYBODY KNOWS

ROSS SEED GROWS





The Eclipse Hose Reel

handy and well-made Hose Reel, mounted on wheels, can be easily moved from one place to another. Hose should always be wound on a reel, as it prevents it from rotting. Price, 90 cts.

Burlap Hotbed

Hot Bed Sash



Made of burlap filled with hair felt, 76x76. Preferred by many market gardeners to the straw mats. Each, \$4.00; doz., \$44.00.

Straw hotbed mats (not shown) 6 x 6, each. \$2.50.



Fig. 256

Our 7-ply Nobust brand of Garden hose is made especially for us. The seven plies and strong friction between them enable the hose to stand the highest water pressure; and our name and brand.

We handle other standard brands of hose. The prices below are for 25 or 50 foot lengths and no charge for couplings: Nobust. 9; in. 14 cts. ft. 34 in. 16 cts. ft. Riger, 6 hose for the prices with the coupling in the control of the coupling in the coupli Tiger. 5 ply, 1/2 in. 111/2 cts. ft., 3/4 in.

Hose Mailing Weights

½ in. 8 lbs. ½ in. 6 lbs.

½ in. 6 lbs. ½ in. 6 lbs.

Spray Hose We have succeeded in getting a spray hose which we can unconditionally warrant. This is a special brand of hose made particularly

is a special brand of nose made particularly for orchard spraying with any kind of insecticide and will withstand the most severe tests made up with long tail couplings. Price per ft. 20 cts., ½ in., 18 cts. Couplings extra.

"Peerless" Glazing Points

in. 6 lbs.

in. 10 lbs. in. 9 lbs.

in. 9 lbs. 8 lbs.

ft. Leader. 5 ply. ½ in. 11½ 13½ cts. ft. Cotton. ¾ in. 17 cts. ft. Goodluck. 5% in. 14 cts. ft. 25 and 50 ft. lengths only.

25 ft. Bull Dog 25 ft. Tiger

25 ft. Leader

25 ft. Cotton

Tubular Meta1 Hose Reel

The most durable reel made. Holds 100 feet of hose.





Tomato Supports

34 in, high, 20 in, in diameter at the top.

Price, 30 cts. each, \$3.50

Fig. 253	
3 x 6 x 1% in.,	
with sides project-	Charles and Sant Sant
ing, glazed with	
thick glass painted	The second second
two coats, \$7.00	
each; in lots of 6	
\$80.00 doz., in lot of	
25 or over, \$73.00	AND
doz.	
Can furnish un-	and the great and
glazed sash in quan- tities at short notice.	The same of the State Proper
Ask us for price; we	
only carry glazed in	The same of the sa
stock.	
	A STATE OF THE STA
TREE LABEL	
3-4	M T - h - 1.

Tree Labels

Copper Wire 3 1/2 in. per 1000 \$3.00 Pot Labels 100 1000 in.\$.20 \$1.85 2.85 in.25

Garden Labels Painted 8 in. ..\$1.00 \$8 25

Celery Bleaching

255

Paper



Patented Mar. 26,190 Fig. 257

PEERLESS GLAZING POINTS. Improved Van Reyper, Per box 1000 points, \$1.15.

Rolls are 10 inches and 12 inches wide Rolls contain 100 feet and weigh only 30 pounds.

Fig. 258

10 inch (100 running feet), per roll, \$2.80 12 inch (100 running feet), per roll, 3.00 A Tasteless Odorless Indestructible, Water-proof material especially prepared to with-stand extremes of heat and cold.



TRELLIS High Wide Each 6 ft. 18 in, \$2.75

8 ft. 18 in. 4.00 10 ft. 20 in. 5.00

12 ft. 20 in. 5.50

per 100.

Fig. 250

For pot or gar-

den use, square painted, green. Nurserym's Stake 16 x 2 in. Extra quality. No paint. 4 cts. each; \$3.50 per 100. BAMBOO STAKES

50c. doz.; \$2.50 Fig. 251

This picture shows method of handling R. & D. Bleacher. No heavy boards to carry or dirt to shovel.

A Bleaching material that saves TIME, LABOR, MONEY. An improvement over boards and other bleaching material.

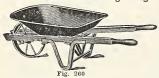
ROSS BROS. CO. WORCESTER, MASS.



Garden Wheel Barrow

These wheelbarrows are made specially for us, are well constructed. throughout strongly incode. Finished with two coats of paint and one coat of varnish. This is the best garden barrow on the market. Price, \$7.50.

Contractor's Angle Leg Barrow



The very best allround contractor's barrow made. Tray pressed from one solid piece. 29 x 36 at top. Frame of at top. Frame of oughly braced and bolted. 16 in. steel wheel; tire 1% x5-16; % in. axle. Heavy rod rolled in edge. Weight 252 bs. per doz. Each, \$8.50.

Thudur steel br.

Fig. 259

TUBULAR STEEL BARROW (Not shown). Tubular steel barrow, with pressed steel bowl, and steel frame; double braced and made for heavy work. 3 cu. ft. Price, \$10.00 each.

Wood Dump Barrow



Fig. 262



McKINNEY PRUNERS

Latest, strongest and best hand pruner male. Very powerful and easy to operate. Small size \$4.50, large size \$6.00.



Eureka Stump Puller and Rock Lifter

This is by far the simplest and most efficient device on the market for pulling stumps. Hitting stones and handling heavy bodies, and ful. Price, No. 1, weight 22 lbs., capacity 4 tons, \$22.00. No. 2, weight 26 lbs., capacity 6 tons, \$22.00. Mo. 61, 8 tons, \$22.00. Mo. 61, 8 tons, \$22.00. Mo. 61, 8 tons, \$22.00. Mo. 61, 9 tons, \$22.00. Mo.

Fig. 263

Cast Iron Boat Head

The illustration below shows a simple device whereby a stone-boat can be made in a few minutes by using a straight plank with the addition of the control of a stone-boat will readily see how easy it is done, and as one head will last for years, it is not only cheap, but



Fig. 264

durable. Price \$6.50; Bolts, 75 cts. per set.

ALL WOOD BOAT

BOAT COMPLETE

7 ft. long. All Wood, \$9.50.

Fig. 265



Steel Scraper With Runners

No. 1 carries 7 ft. of earth \$14.50 No. 2 carries 5 ft. of earth 14.00

Fig. 266

Picks, Mattocks, Shovels, Steel Bars

No. 7 Contractors' Picks \$1.25 No. 8 Contractors' Picks. 1.25 No. 9 Contractors' Picks. 1.40	59
No. 6-7 Railroad Picks 1.00 No. 7-8 Railroad Picks1.00	Fig. 267
Long Cutter Mattocks 1.25	
Pick Mattocks	
Each	
Pound	
Wedges Crow Bars	Fig. 268

The Following Shovels Are All Ames' Make



N. 2, Ames Special, D. H., square, each \$2.10; No. 2, Ames Special, D. H., round, each \$2.10; No. 2, Our Best, D. H., square, each \$1.70; No. 2, Our Best, D. H., round, each \$1.70; No. 3, Our Best, D. H., square, each \$1.70; No. 3, Our Best, D. H., round, each \$1.70; No. 2, Sunnyside, D. H., square, each \$1.50; No. 2 Sunnyside, D. H., square, each \$1.50; No. 2 Sunnyside, D. H., round, each \$1.50, doz. \$16.00. Nos. 3, 4, 5 and 6, add



Our Special Outdoor Dryer

Made of best stock; cotton line, 110-ft. line, \$8.00, 150-ft. line, \$9.00. Above includes box to go into the ground.

Fig. 270

EVERYBODY KNOWS ROSS SEED GROWS



HAND AND POWER SPRAYERS FOR ALL PURPOSES

The Worcester Double Acting Cog Gear Spray Pump | American Beauty Dust

Mounted on skids with 50-gallon barrel, and mechanical agitator. This is a pump with hearly the same capacity as those operated by power, but at those operated by power, but at for those having a large orchard and do not care to invest \$100 or \$200 in a spray pump. This pump can be loaded on a wagon or stoneboat and a wagon or stoneboat and heavy pressure. It occupies a small amount of space but has small amount of space but has Mounted on skids with 50spraying can be done under heavy pressure. It occupies a small amount of space, but has power and capacity sufficient for running 8 nozzles at one time. It is fitted with brass seats, 2 inch seamless brass removable. The pump complete is, one 50-gal, barrel mounted on skids, pressure-gauge, 15 ft., 1/2 in. hose, 8 ft. extension pipe with lever shut-off, mechanical agitator with fembro nozzle, or any nozzle selected. The price of the complete outfit, \$50.00.



Fig. 271

We can furnish hose for this pump in 25 and 50-foot lengths.

ASPINWALL DOUBLE CYLINDER HIGH-PRESSURE FOUR ROW SPRAYER

Since the introduc-tion of this machine the most flattering reports of its sucreports of its suc-cess have been re-ceived, and we be-lieve there is no bet-ter or more satisfac-tory automatic spray-er on the market. It is light draught, all is light draught, all working parts are easily accessible, is very durable, and there are a large number of them in use in large potato growing districts. It is also especially designed for handling Bordeaux mixture Bordeaux mixture



Fig. 272

Bordeaux mixture and other heavy pre-parations used in spraying for blight. The nozzles are in front of the wheels, which permits of the vines being sprayed to the end of the row, They are also where the operator can watch them easily. Price,

"IDEAL" SPRAY OUTFIT



well stirred. A nne in the suction pipe prevents anything getting into the working parts. Equipment 10 feet, % inch Pressure Hose; 8 feet pipe extension in 2 pieces; 1 "Ideal" Nozzle; 1 Brass Shut-off Cock. Shipping in 2 pieces; 1 "Ideal" Nozzle; 1 B. Weight, crated, 60 lbs. Price, \$25.00.



Fig. 274

Fig. 274

Spraying with powder instead of liquid is becoming more popular every season. The American Beauty Sprayer is the best outfit lows giving absolute control of the blast. Construction of the machine is very simple. Few working parts to wear out. The feed of duster is simple and effect range. The regulated corrushes all lumps so all material crushes all lumps so all material will pass over the fine screen. This very fine dust clings perfectly to every part of the tree, plant or vine. This machine is so developed that it carries the dust to every crack and crevice. It will pay for itself even in a small orchard. Has wire wound small orchard. Has wire wound hose that will not kink, crack or break. Has strong comfortable shoulder straps for carrying. Built of best material. Write for complete circular. Price: Price: for co

BRASS SPRAY PUMP



Fig. 276

The construction of this pump is the best possible and we believe it is unequaled for the money. Bronze ball valve, with lieve it is unequants money. Bronze ball valve, with brass seat, the plunger is brass with hemp packing, and it will handle hot cold or any caustic mixture. Cylinder and discharge pipes are brass. The air chamber is 30 inches long. Uniform and constant stream; pump sets inside the barrel. and constant stream; pump sets inside the barrel, entirely submerged. Complete including barrel, extension pipe, nozle, mechanical agitato, more work. Has cog car (not shown in cut), which saves fully 33 1-3 per cent. of pumping labor. Price, complete, all set in barrel, \$20,00; pump only, less barrel, \$16.00.

Myers' Whitewash and Painting Machine and General Purpose Spray Pump

The most durable spray pump for white-washing and applying cold water paint there is made. All parts are of the best material and with proper care will last for a lifetime. Price, \$12.75.

MYERS KNAPSACK SPRAY PUMP

The tank of this pump, made of copper, holds 5 gallons and is fitted with lid and strainer, which can be removed. The pump is made of brass with large air chamber,

solid plunger and agitator. It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump also fitted with handle so the operator can use

ball valves,

it the same as Fig. 275 a a lank with bucket pump if desired and the handle lever can be shifted from right to left shouldes at will. Has brass stop cock and of loce.

General purpose pump for all low growing shrubs and vines. Price, Copper S0.09; Galvanized, \$12.50. Wt. 16 Fig. 275 tank



Fig. 277



ROSS BROS. CO. WORCESTER, MASS.

MYERS' PNEUMATIC COMPRESSED AIR SPRAYER

This Sprayer is made of heavy gal-vanized iron with -% in, brass tube cylin der. The manufac-turers claim that a small cylinder oper ates easier than a large one.

The nozzle is one of the special features of this sprayer, by means of the small lever the spray can be adjusted from a broad, fine spray, covering the ordinary distance, into a com-

PHEHMATIC SPRAYER distance, into a complete long distance spray throwing water \$25 feet, by means of which the tops of any ordinary fruit ree can be reached. Fig. 278 tree can be reached. EMYERSAL

for the low growing shrubs and vines and also for anyone who has a few tall trees to

' HIGLEY'S

PRUNERS

Indorsed by the Moth Commission of the State of Massachusetts, also by tree wardens gener-ally. No wire or metal from the blade to elec-

troute the user. We have them in all sizes from 10 ft. up, both of the plain and self-hold-

the plain and self holding type.

Price, plain, 10 ft.
\$1.00, 12 ft. \$1.10, 14 ft. \$1.20, 16 ft. \$1.30, 18 ft. \$1.20, 16 ft. \$1.30, 18 ft. \$1.40, 20 ft. \$1.50. Self Handles, 10 ft. \$1.25, 12 ft. \$1.30, 14 ft. \$1.50, 16 ft. \$1.51, 18 ft. \$1.55, 20 ft. \$1.85.

Fig. 279

Price, \$6.50.

THE AUTO SPRAY PUMP The "Auto Spray

works automatically for six to fifteen minnozzle opening. It may be charged in fifteen seconds by a few strokes of the plunger, and two pumpings will usually discharge the entire contents. Simply fill two-thirds full of solution and pump up lution and pump up air pressure. Diameter, 7 inches; height 2 feet; capacity, 4 gallons; weight, 16 lbs. with all attachments. Price with stop-cock, Brass, 89. Galvanized, \$6.50. AUTO HOSE COCK No. 1. Price, \$1.25. TWO ROW AT TACHMENT. Price, \$1.85.

TWO FOOT BRASS EXTENSION. Price, 65 cts. BRASS ELBOW. Price, 65 cts.



Fig. 282

Bordeaux Special



Fig. 283

This nozzle will throw a fine fan-shaped spray and will readily free itself should it become clogged, by turning cock-handle. It will throw a solid stream or it may be shut off altogether if desired. Price, 90 cts. Wt.

Rochester Self-Operating Sprayers



The air enters the sprayer through the valve at bottom of pump thoroughly agitating and mixing the contents of Sprayer. The com-pressed air, being powerful, forces the liquid out through the outlet pipe, making either making either a fine spray or a solid continous stream as desired. This size machine holds from 3 to 4 gallons. Price, Galvanized Iron, Style G, \$6.00. Brass, \$8.75. Weight, 9

Fig. 287



Fig. 288 For washing windows and sprinkling lawns where there is no presswater press-ure. Has foot rest, best hose and spray noz-zle. Price, zle. Price, \$4.75. Weight.

ACME POWDER GIIN

A simple. practical implement for the exterminstian of potato bugs and all Linds of insocts, flies &c; the pests of house a.d garden. Net price, single, \$1.50. Weight 4 lbs. for parcel post

rates see page one.

Fig. 289



Fig. 280
A Brass Atomizer which gives a continuous spray. Made of heavy brass.
Nozzle can be instantly cleaned should the hecome fouled Adapted for all

Price, \$1.25.

Fembro Nozzle Showing parts of the Fembro Nozzle

and how it is made.

FEMBRO Nozzle is the same size

FEMBRO Nozzle is the same size and capacity as the Power Nozzle, but without the self-cleaning device, This Nozzle is fitted with a removable steel disc in the cap, Price, 75 cts. Weight, ½ | b.

FEMBRO 45 degree nozzle. This nozzle is the same as the hand spray nozzle, only made on an angle which earlies the same as the hand spray nozzle, only made on an angle which earlies the same as the hand spray nozzle.

which enables the operator to get inside of the tree and in under the foliage. Price, 90 cts. Weight, 1/4



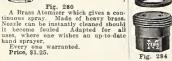
Fig. 285

Boston Spray Nozzle

Will throw spray, a large or a small solid stream.

Price, 85 cts.

Fig 290



THE ACME ATOMIZER

Fig. 281 Fig. 281

Ling cattle, with the different mixtures on the market, to keep off the flies; spraying Paris Green and other insectisides on potato vines, shrubs, small trees, house plants, live stock, and noultry. Price, tin, 60 cts., with brass cup, \$1.15.

LITTLE MIDGET SPRAYER Fig. 286







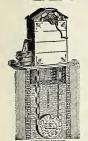
Fig. 291 Distributes all kinds of powder. Weight, 12 lbs. Price, \$12.00.

多至

EVERYBODY KNOWS

ROSS' SEED GROWS





THE BUCKET
PUMP

We will guarantee it to purify any well in five days, or we will refund the money. Cannot freeze. Can be set up without going below platform. Price for 10 ft. well \$13.00, for each additional foot of well add 50 cts.

Fig. 292

0RAYE

Fig. 293

THE HOUGHTON SPRAYER

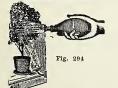


For spraying different insentiates for both greenhouse and sides for both greenhouse and the street of the cartridge presents an equal area of surface at all times to the action of the water passing through the spray of the same water the beginning of the cartridge. Cartridges of different varieties are inserted in the holder ly and as the water passes through the insacticed to give onto the foliage of the plant. This is a Worcester made product, guaranteed to give perfect satisfaction. Cartridges supplied that the supplied of the supplied that t

sulphur and Lime.
Whale Oil Soap.
Arsenate of Lead
Pyrethrum Soap.
Disinfectant Soap.
Clean-up Soap (for
ferns and palms),
Tobacco (Nicotine Soap)

Helebore Soap, Kerosene Emulsion. Price, Sprayer \$6.00. Cartridges 50 cts. each

RUBBER ATOMIZER



Useful for sprinkling house plants and also for spraying hellebore and bug death. Either style of neck. Small size \$1.25, large sizes \$2.00.

FURBER WOOD

6 x 6 for house use, 7 x 7 for stock. 6 x 6 in. Stock 3 ½ bore for general use.

Porcelain-lined 7 ft. long \$11.00, Unlined \$9.00; 8 ft long \$12.00, \$9.50.

Use 4 x 4 inch
pipe for above
pump. Price, 35
cts. per foot.
Couplings and
bands for the
above \$1.00 each.

STOCK PUMP

Use 4½ x 4½ inch pipe 40 cts. per foot. Couplings and bands for the above, \$1.10 each.

8 ft. lined, \$12.00,

They are the best c h e a p pumps. Price, Curbs, \$5.00 each, Chain (3 ft. to lb.) 15 cts. per lb. Wood Tubing, 15 cts, per ft. Rubber Bucket, 15 cts. ea.

Fig. 297 THE RING LAWN SPRINKLER

Our "Ring" Lawn Sprinkler is made entirely of sheet brass and stamped into the form show the form show the form she made in the form she will be shown to be shown



In operation it

BABY RING SPRINKLER

This sprinkler is stamped from sheet brass. It is joined together in a press, so that it is strong enough to stand heavy pressure.



Fig. 296

Fig. 295

throws a finely divided spray of water, covering as large a circle as any of the similar to w do wn sprinklers, either of the ring type or the castiron variety. The spray is well distributed, covering the ground thoroughly. Price. 75 cts. Weight

10 ozs.

Excelsior Wire Mesh Tree Guards

Orchardists often sustain heavy loss through the gnawing or girdling of their trees by rabbits, mixed woodchucks and similar rodents. These animals in the control of the c

100 500 1,000 14 in in diam. 15 in. high \$9.50 \$7.90 \$7.50 pr 100 6 in. in diam. 18 in. high \$14.50 \$1.90 \$9.45 \$1.90 \$1.25 per 100 6 in. in diam. 18 in. high 14.50 \$1.29 \$1.25 per 100 6 in. in diam. 18 in. high 14.50 \$1.20 \$1.35 per 100 \$1.10 \$1.20 \$1.35 per 100 \$1.20 \$1

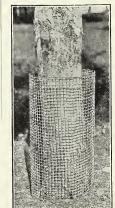


Fig. 299

ROSS BROS. CO. WORCESTER, MASS.

Insecticides For All Purposes

RED WING ANT-DESTROYER. Guaranteed to drive ants from any lawn. Put up in powder form and used by scattering on the anti-hills. The ants never come back. 10 cts. and 25 cts.

DRY ARSENATE OF LEAD. We carry Arsenate of Lead both paste and dry. The trade seems to demand that in the dry state as it has so many advantages over the paste. The dry will keep forever, is so many advantages over the paste. The dry will keep forever, is less bulky, does not freeze and spoil, and the calcium arsenate which we handle will not burn no matter how strong the solution. Send for descriptive catalogue which gives valuable information for every tree grower. ½ lb. cans 30 cts., 1-lb. cans 50 cts., 5-lb. cans \$2.00, 10-lb. cans \$3.20.

ARSENATE OF LEAD. The best insecticide known for leaf-eating insects because it kills quickly. Trees or plants sprayed with arsenate of lead and water are quickly freed from their insect pests. It can not injure the most delicate foliage. Respraying after rains is the boan of the fruit grower's life. Arsenate of lead dries on the leaves to a varnisb-like film, which is not affected by dew or rain. One thorough spraying will protect the foliage for an entire season. 1-lb. 35 cts., 5-lb. pails \$1.50, 10-lb. pails \$2.25, 50-lb. wooden pails \$8.00, 100-lb. kegs at \$14.00.

> While the first cost to kill the bugs on an acre of potatoes is rather more than that of arse-nical insecticides, the results at harvesting



nical insecticides, the results at harvesting time are entirely satisfactory, and where prac-tical tests have been made, the extra valid of entire expense. It is non-poisonous, which makes it perfectly safe to use on all plants or vines. 1-lb. package 20 cts, 3-lb. package 45 cts, 5-lb. package 75 cts, 12½-lb. package \$1.50, 100-lb. package 85.50. Pat, in Canada Nov. 2, 1897. Pat. Mar. 16 and Nov. 9, 1906.

DRY BORDEAUX POWDER. For preventing blight on grapes,

DRY BURNARD CONTROL OF STATE O

BORDEAUX MIXTURE. (Liquid.) This mixture is put in one-gallon patent cans. One gallon will make 50 gallons by the addition of 49 gallons of water. Gallon cans \$2.00. Weight, 9 lbs.

PROTEXOL. Of the numerous preservative compounds on the market Protexol stands alone as time-tried and thoroughly tested. It market Protexol stands alone as time-tried and thoroughly tested. It is the only superficial preservative method that has been used the world over and demonstrated its value in the thirty years past. It is the only one that has received recognition and met with the approbation of engineers of Europe and America—the only preparation favorably reported along with the reliable but expensive and inconvenient Creasoting and Burnetizing process. Gallon can, §1.75. Weight, 11 [bs.

CARBONOL

Used as a general disinfectant in the hen-house. Diluted 1 to 100 (about 2 tablespoons to a gallon of water), will keep it clean and healthful. Small bottles 25 cts., 16-oz. bottles 50 cts., 1 gal. \$1.75. Weight, 11 lbs. Sample will be mailed free on

CREOSOTE FOR GYPSY MOTHS. For the destruction of the eggs of gypsy moth. Qt. 50 cts., shipping weight, 3 lbs.; gal. \$1.00, of gypsy moth. weight, 9 lbs.

CUTWORM FOOD. Rid your garden and farm of the Cutworm pest, ULWUKM FOOD. Kid your garden and farm of the Cutworm pest. There was a time when Cutworms were not considered very seriously by farmers and market-gardeners, but in late years it seems they have come to stay. Cutworm food can not harm plants and is seen and easy for the operator. Put up in one, five and ten-pound packages. Direction for using on every package. 1 lb. 40 cts. Slipping weight, 2 lbs.

PRATTS DISINFBOTANT. Is the greatest disinfectant, deodorizer, detergent (cleaner), insecticide bactericide and antiseptic, and is needed by house-keepers, cleaners, janitors, hotel proprietors, doctors, nurses, gardeners, laundrymen, poultrymen, horsemen, sheepraisers, and by everyone seeking health, comfort and cleanliness Price, 1 dt, 70 cts., 2 dts. \$1.25, 1 gal. \$2.00.

Sure death to the current worm. Lb. 50 cts., 1/2 lb. HELLEBORE. Sure dea 30 cts., 1/4 lb. 20 cts.

KEROSENE EMULSION. Not injurious to foliage and a sure remedy for lice, scale insects and most soft-bodied insects. Very valuable for washing domestic pets. Kills by contact. Qt. 40 cts., gal.

EMON OIL. One of the cheapest, safest and most effectual insecticides. Dilute with 40 to 50 parts water. An excellent wash for dogs, curing mange, killing insects. ½ pt. 25 cts., pt. 40 cts., qt. 75 cts., ½ gal. \$1.25, gal. \$2.00. LEMON OIL.

SOLUBLE SULPHUR COMPOUND, IN POWDER FORM. disagreeable features of spraying with liquid lime sulphur is done away with by using the new sulphur compound. It is not caustic, does not freeze, is good till used and is fully 25 per cent. cheaper to be than that in the liquid state. Put up as follows: 1-1b. cans 10 caustic, 25 cm. 25

100-lb. cans \$12.50.

CONCENTRATED LIME SULPHUR. Kills San Jose Scale. Oyster Shell, bark lice, etc., and gives the tree a thorough "house-cleaning." It should be applied any time after the leaves drop in Autumn and before the buds start in the spring. Needs only to be diluted with cold water and it is ready to apply. I gallon makes 10 gallons of spray. Guaranteed under the National Insecticide Act. 1 qt. 45 cts., weight 3 lbs.; 1 gal. 85 cts., weight 12 lbs.; 5 gals. \$3.25, 50 gals. 18 cts. per gal.

PARIS GREEN. A poisonous, insoluble powder for preventing the ravages of potato-bugs, codding moth, caterpillars, slugs and bugs. Mix one pound to 100 pounds of plaster, or 200 gallons of water. May be used clear with the Leggett Gun. Lb. 60 ets.

BOWKER'S

A powerful fungicide; it controls fungous diseases, even some serious ones that other fungicides do not

A strong poison insecticide; it kills chewing ineven those which are hard to kill, like the hard-shelled potato beetle.

Over twenty years of practical farm use have proved Pyrox the most effective remedy against both serious fungous diseases and chew-ing insects. It contains the essential copper in proper quantity for quantity for al value. In safe use and in most active form for greatest fungicidal value. In Pyrox the poison insecticide is chemically blended with the copper fungicide which increases the effectiveness of both.

Simply mix with cold water and spray.

If goes farther; it is so smooth and fine that the finest nozzle can be used without clogging. The resulting mist-like spray covers more surface.

It gives more lasting protection; it sticks like paint and stays on for weeks. Even hard rains do not wash it off once it is thoroughly

It helps to increase yields; the copper fungicide in Pyrox stimulates the leaves, makes them greener and more vigorous and helps to in-

				.40	50	lb.	drum	 	\$10.00
							keg		
					300	lb.	barrel	 	51.00
25	lb.	drum	 	5.75					

TOBACCO DUST, in tight sealed package for dusting plants for lice, etc. 1 lb. 25 cts.

SCALECIDE. CALECIDE. A petroleum oil that mixes at once with cold water in any proportion and stays mixed. It is not necessary to use an extra tank or barrel and no hot water should be used. Can be prepared in an instant, adding one gallon of Scaledde for every fifteen or twenty gallons of water. Qt. can 60 cts., weight 3 lbs.; gal. can \$1.45, weight 9 lbs.; 5-gal. can \$6.45, 10-gal. can. \$11.00, half bbl. (30 gal. tin) \$27.00, bbl. (50 gals.) \$39.00.

SLUG-SHOT. A fine powder used for potato-bugs and other insects. Recommended for cabbage worms. 5-lb. package, 50 cts.

SOAP, SULPHO-TOBACCO. 3-oz. pkg. 10 cts., mailed postpaid 13 cts., per doz. \$1, ½ lb. pkg. 20 cts., mailed postpaid 28 cts., per doz. \$2.00.

WHALE OIL SOAP. For destroying insects on plants, etc., in small boxes. Lb. 25 cts.

WHY RAISE ROSES TO FEED BUGS

Melrosine—the only remedy— endorsed by leading athorities. The GENERAL CONTACT INSECTIauthorities. The GENERAL CONTACT INSECTI-SIDE that KILLS ROSEBUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to directions on can. Gal. \$6.00. Half-Gal. \$3.25. Qt. \$1.75. Pint, \$1.00. Trial Size, \$0.50. By mail or express at customer's expense. Or Trial Size, sufficient to make one gallon when diluted, and care for several plants for the season, postpaid for 60



MELROSINE-IT KILLS ROSEBUGS

EVERYBODY KNOWS

ROSS SEED GROWS





A. B. C. PLANT PROTECTOR

This illustration shows the A. B. C. Tarred Felt ad used to protect Cabbage, Tomato
and other plants from cutworms, maggots
and insects that will destroy plants. Easy to
and can be used either for outdoor or greenbouse use. Excellent for protecting carnations from cutworms. Especially adapted
for Cabbage and Tomato outside. They will
save practically the entire crop of cabbage
if used at the time plants are set. The cutworms and other insects do not like the surworms and other insects do not like the sur-Only the best tarred felt is used and great

Fig. 300



Pruning Knife

COCOA HANDLE inches long. Price, \$1.25.

Fig. 301



Easy Opener Knife

The handiest knife that a farmer can have. You open it whether your fingers are cold or not. American made, warranted

Price postpaid \$1.25.

TREE TANGLEFOOT

A perfect safeguard for trees against gypsy, brown-tail and tussoca moth, canker worm, ants, and all creeping things. It will remain sticky about three months, fully exposed to the weather. 1-lb. can 50 cts., 5-lb. can \$2.25, 10-lb. can \$4.50, 20-lb. can \$8.75, 25-lb. pail \$10.50.

COAL TAR. In quart tin boxes. For tarring corn to prevent crows from pulling it. Pt. 15 cts., qt. 30 cts. Shipping weight 2 lbs, and 4 lbs.

PINE TAR. Used in the stable for cuts and bruises. Pt. cans 50 cts., qt. 85 cts.

TOBACCO STEMS. Indispensable for fumigating greenhouses and conservatories; for destroying aphis; should be dampened before using, and use a small handful on some dry shaving, and light it. 100 lbs. \$3.50.

TOBACCO DUST. (bulk). Kills Green and Black-fly, etc., if dusted on when the plants are moist. Also good to mix in the soil to destroy ground insects. 5 lbs. 35 cts., 50 lbs. \$1.50, 100 lbs. \$2.75.

FUMIGATING TOBACCO. Pure tobacco ground very fine. Prepared especially for fumigating. 100 lbs. \$4.50.

GRAFTING WAX. Price, 1/4 lb. 15 cts., 1/2 lb. 25 cts., lb. 40 cst.

"ELECTRIC" WORM ERADICATOR

From one to two ounces to each gallon of water brings worms, grubs, etc., to the surface of the ground within a few seconds. where they die.

24 oz. \$1.00, 2 ot. \$2.25, 1 gallon \$4.00, 5 gallon \$17.50, 10 gallon \$34.00.

No. Price
114 \$1.25
R65(1.65
R1702.20
R275 2.35
R170 2.20
99 2.00
50 7 5
165 1.70
R85 2.35
R165 1.85
65 1.45
R50
60 1.00

Add 10 cts. per pr. for packing and post-

Fig. 303



BLACK LEAF 40

(Nikoteen Sulphate, Nikoteen 40 per cent.)

BLACK LEAF 40 is the best known remedy for Potato Lice and other similar insects. Is perfectly soluble in cold water. Can be used in combination with lime, sulphur, arsenate of lead, Bordeaux mixture. Is used as safe and effective for plant lice, thrips, leaf hoppers, etc. Highly recommended by State and Government Experts. Use about 1 to 1000, or 1 oz. will make six galons of solution. 1 oz. 35 cts., 1/6 lb. \$1.25, 2 lbs. \$3.75, 10 lbs. \$15.50.

"HERBICIDE"—THE WEED EXTERMINATOR

Kills grass and weeds of every kind on roadways, gutters, tennis courts, etc., by one application.

Its use will save much labor and expense in the long run.

2 qt. cans \$1.00, 1 gal. cans \$1.75, 2 gal. cans \$3.25, 5 gal. cans \$7.50, 10 gal. cans \$13.50, 30 gal. cask \$30.00, 50 gal. barrel \$45.00 Full directions accompany each package.

"READEANA" ROSE BUG EXTERMINATOR

A most effective insect killer that is absolutely harmless to even the most delicate flowers or foliage.

8 oz. 50 cts., 24 oz. \$1.00, 1 gal. \$4.00, 5 gal. \$17.50, 10 gal. \$34.00. Full directions accompany each package.

"Nico-Fume" Liquid

(Nicotine Solution)

Has the advantage of being Suitable BOTH for Spraying and for Fumigating Purposes.

"Nico-Fume" Liquid is packed in screw-top cans, and is sold in the following sizes: Can containing 8 lbs., price \$16.50 Can containing 1 lb., price \$2.35 Can containing 4 lbs., price \$ 8.50 Can containing 4 lbs., price 5 8.50

DOLGE WEED KILLER

A minute a day keeps the weeds away.

Kills all growth on Tennis Courts, Walks and Drives. Destroys
Ivy, etc. on walls, fences and court yards.

1	at. can (enough i	or 10 Gals.)	\$.60
1	qt. can (enough i	or 40 gals.)	. 1.75
5	gal. can (enough	for 200 gals.)	. 8.50
10	gal. can (enough	for 400 gals	15.00
30	gal, bbl. (enough	for 1200 gals.)	37.50
50	gal. bbl. (enough	for 2000 gals.)	52.50

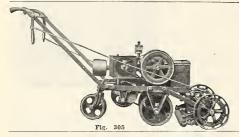
ROSS BROS. CO. WORCESTER, MASS.

The Ideal Power Lawn Mower fills a long-felt want, for it works on an entirely different principal from most power lawn mowers. The cutting cylnder operates entirely independent of the truck as the mower is pushed the same as any hand mower and is as near fool proof as any machine can be. Other methods of operating have proven themselves a failure. Experience has taught us that the obstructions which the mower will pick up on the lawn break under the old method where the cutting reel is driven direct. This cannot occur with the Ideal operated, as it is without any chain or gear connection with the mower.

Specifications-Width cut 30 in.; Diameter mower wheels 11 in. Number of cutting blades, 5; Weight 610 lbs.; Diameter roller, 14 in.

Price, \$325.00, extra cutting reel \$50.00, Riding attachment \$30.





The Ideal Junior will nicely care for 2 or 3 acres of grass and will prove a paying investment in caring for lawns as small as 150 to 200 feet square. It is a machine especially well adapted to the work in cemeteries. Price \$210.00, extra cutter \$35.00.

Junior Specifications-Diameter of Drive Roller 10 in.; Corrugated Rollers; Width of Cut 22 in.; Diameter of Drive Wheel 10 1/2 in.; Number of Blades, 5.

THE IDEAL TRACTOR TRIPLEX MOWER

For maintaining Golf Courses and to get all the full enjoyment out of the game, a carefully kept fairway is very necessary. This nower is especialy adapted for cutting large areas of land.

Tractor can be detached from mower and used for hauling light trailer for moving goods.

Traction is secured by the corrugated steel wheel designed to give a grip on a smooth lawn without injury to the grass. Each cutting unit operates independent of the other. It cuts a path 84 inches wide. Is fitted with 4 cylinder, 15 H. P. engine. Price, \$1050.00.



THE TOWNSEND TRIPLEX GOLF MOWER

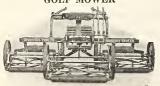


Fig. 307

Here is a mover much lighter than the ordinary horse lawn-mower, but which cuts three times as wide a swath. One man and one horse, with a Triplex, will cut more grass in a day, than three men and three horses with three ordinary lawn-movers, thus saving the wages of two men, the cost of two horses and the cost of their care and keep. Price \$350.00. Extra unit, \$85.00.

WORCESTER LAWN SWING

Four Passenger

The Worcester Lawn Swing is made of selected hard wood, thor-oughly seasoned. The standard is made of 4 posts, 2x3 inches, firmly braced and screwed together and is painted vermillion red before varnishing, the rest of the swing being varnished in the natural color of the wood. The platform has four full braces. The swing hangs on steel rods by steel hangers and may easily be removed from the standard and packed for shipment or storage. Size Open-8 ft. high. 5 ft.

ide. 9 ft. spread. Price, \$10.00 each. Our Two Passenger Lawn Swing contains all the superior points of the Four Passenger Swing and differs only in width.

Size Open-8 ft. high. 4 ft wide. 9 ft. spread.

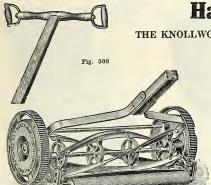
Price, \$9.00 each.



EVERYBODY KNOWS

ROSS' SEED GROWS





Hand Lawn Mowers

THE KNOLLWOOD JR. BALL BEARING HIGH-WHEEL SPADE-HANDLE LAWN MOWER

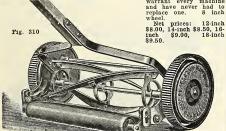
> We offer our customers this machine, not as an experiment, but as a guaranteed article, one that we have tested ourselves during the past 10 years, and know what we are talking about. This machine runs on ball bearings (and all first-class machines ought to). The balls are of the very best quality and will last for years. They are enclosed in steel cups, which protect them from wear. The main axle is steel and lathe fitted and is adjusted as nice as any high priced piece of machinery. The end of the axle where it comes in contact with the balls is cone-shaped, and any possible wear can be easily taken up. The machine has a nine-inch wheel four knives of the best quality of steel, and last, but not least a handle that is made to fit your hands. (See the spade handle in cut.) After giving is made to ni your hands. (See the spade handle in cut.) After giving you the best mower it is possible for us to get, we have put on it a handle we have all been looking for. With this Spade Handle the operator has perfect control over the machine and can handle it perfectly on a side hill or on narrow borders. We agree to take back any machine that is not satisfactory, after a fair trial. This machine is the best one on the market for private homes, it is especially adapted for parks, cemeteries, and large lawns.

14-inch \$13.75, .16-inch \$14.50, 18-inch \$15.25, 20-inch \$16.00.

The Little Giant Lawn Mower

The Little Giant Lawn Mower

For the benefit of those who want a low-priced mower or those
who have but a small amount of grass to cut, we offer this machine,
and we think we are safe when we state that it is good as one-half
of the mowers sold as a high-grade machine, and being a light-running mower is preferred by many to the higher grade styles. We
warrant every machine
and have never had to



Bieder Adjustable Grass Catcher

vas on a gal-vanized frame. They are ad:
justable in
height and
width, to fit
all sizes and
makes of mowers. No. 7 Fits all Low Wheel

Mowers, 18 inches and smaller. Price, \$1.50. Weight lbs. No. 13. Fits all High Wheel Mow-ers, 24 inches and smaller. Price,

\$2.15. Weight

2 lbs.



Fig. 311

Rossmoyne Lawn Mower Nine Inch Wheels

This machine has four knives, high wheels. It runs on ballbearings of the same quality as those used on other machines. It is a first-class medium-price mover. All parts are fitted on a lathe, and we warrant every machine we sell. For a medium price machine, you will make no mistake in buying this one.

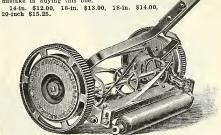


Fig. 312

The Capitol Lawn Trimmer



Fig. 313

The CAPITOL Lawn Trimmer and edger does what lawn-mowers leave undone. It trims and edges your lawn with remarkable speed and perfection; the Shield over the blades protects the flowers. A trial will convince you, as it has thousands of others, that the day of shears, clippers, etc. is past. Four crucible steel blades, six inches in swivel bushings, double adjustment. Price, Plain \$10, Complete with edger \$11.



ROSS BROS. CO. WORCESTER, MASS.





OXFORD OAK BASKET



Fig. 3 14

1 Bu	ishel a	s abov	e	 	 \$1.25 1.00 75
1/2	Bushel,	drop	handle	 	 1.00
1/4 F	tushel,	drop	handle	 	 75

These baskets are woven very close, will almost hold water. A very serviceable basket and the ½ bushel is the best basket for picking peaches, as it does not bruise the fruit.





_			-			_											
6	18x1	10x8	٠	٠		٠							٠		٠	- :	1.10
	16x							·		i							1.00
	14x																.85
	12x																.75
	10x				×												.65

VERBENA AND PANSY BASKET With Wire Handle. Used largely for pansies. 100 \$2.25, 1,000 \$20.00. Special prices in 25M lots.

Fig. 317

COMMON STAVE BUSHEL



DIAMOND MARKET BASKET



Fig. 319
A cheap all round basket; good for everything; indispensible in every household.
18 cts. each, \$1.50 per dozen.

BEERY BASKETS
All white, \$9.00 per 1,000; 10,000 lots, 25 cts. less per 1,000. Close corner (for blueberries) \$10.00 per 1,000. Oval pints, \$9.00 per 1,000.



STRAPPED BUSHEL

BASKET

Size Price
4 bu. \$3.25
3 bu. \$2.75
1½ bu. \$1.50
2 bu. \$2.00
1 bu. \$1.25



Fig. 323



Fig. 324

Each stave on the basket is secured to the hoops by 6 double pointed staples, which makes the basket much more rigid. Price on application.

14	qt.	100			 		 					 	\$7.50
		1,000	٠.	٠.				 		٠			\$70.00

b s

WOVEN PICKING BASKETS

¼ bu. drop basket, e a c h \$1.35.

Fig. 321



4 qt., with wooden bottom, 100, \$6.50, 1,000 \$60.00. (For Retail and Roadside Trade.)

WET WASH CLOTHES BASKET



Fig. 322

	Dimensions	Price
2	25x16x10	
	27x18x10	
	30x20x11	\$1.75
5	32x22x12	\$2.15

ROUND CLOTHES BASKET Each 90 cts. BAMBOO GROCERS' DELIVERY Fig. 326



	Ē		2	ď	ŝ
(With Blo	c	k	١		
Dimensions			٠,		
18x11x6					
20x12x6 1/6	ì	Ĭ.	ĵ.	i	

	OAK	MARKET	T	2.4	: 7	~	E	т	,	_			
5	1½ bu.,	25x16x10			٠			٠				1.20	
4	1 bu., 2	4x14x9										1 15	
3	% bu.,	20x12x6 ½ 22x14x7										.90	
2	½ bu.,	20x12x6 ½										.80	

OAK MARKET BASKETS
(With Wood Handle.)
Same dimensions and prices as above.



EVERYBODY KNOWS ROSS' SEED GROWS





Fig. 327 The most up-to-date and best mill on the

The most up-to-date and nest mill on size marker, marker, marker marker, marker marker marker was the marker marke

furnish at an earne r...
run by power.
Capacity 6 to 12 bbls. of cider per day.
Weight 440 lbs.
Price \$45.00.
Add for Pulley \$2.50.

WORCESTER SENIOR CIDER | WORCESTER SPECIAL CIDER | WORCESTER JUNIOR CIDER MILL



Fig. 329

A first class single tub cider and wine press.

Frame is hardwood, working parts best grade of iron and steel with 11% in. steel press screw.

Fitted with large balance wheel, making it run easy. Size of tub 10 1/2 in, high by 11 in, diameter.

Capacity 1 to 2 bbls. of cider per day. Weight, 125 lbs.

Frice, \$18.00.

MILL



Fig. 330

Our Junior is strong and well made. strictly high grade mill that gives satisfaction. Its construction embodies the principles used in our large Senior mill, frame heavy hardwood, strongly bolted together, working parts best grade of iron and steel. Furnished with two tubs 10 1/2 in. high by 11 in. diameter.

Capacity 2 to 4 bbls. of cider per day. Weight 190 lbs.

Price, \$27.50.

\$4.35 6.25 9.83

LIST OF STANDARD POTS, PANS AND SAUCERS

Inside measurement, width and depth equal.

						P	OTS		
							Ea.	Doz.	100
3	in.						. \$.05	\$.35	\$2.50
4	in.							.55	4.00
5	in.							.95	7.00
6	in.	ì	ì				.12	1.25	10.00
	in.							2.25	17.50
	in.							3.25	25.00
	in.							4.25	
10	in.						60	6.25	
11	in.						.1.00		
12	in.						. 1.25		
13	in.						. 1.35		
14	in.						.1.75		
15	in.						. 2.75		
16	in.						. 3.90		

Ea.	Doz.	100
\$.05	\$.30	\$2.35
.05	.35	2.95
.05	.50	3.90
.07	.70	5.85
.10	.95	7.80
.12	1.75	10.72
.18	1.80	
.20	2.25	
.25		
.28		
.35		
.45		

SAUCERS

Ea. \$.08 .10 .13 .17 .25 .37 .52 .75 1.15 1.35 1.55 2.00 2.85 4.20	BOTH Doz. \$.60 .80 1.25 1.75 2.75 4.00 5.50



Fig. 331



		Each	Doz.	100
6	inch		\$1.50	\$10.50
7	inch		2.25	17.50
8	inch		3.50	25.00
9	inch		5.00	39.00
10	inch		6.00	52.00
12	inch			
14	inch	1.75		

BULB PANS

NEPONSET WATERPROOF PAPER FLOWER POTS

These pots are nested and packed in cases of 1000 each, except 4, 5 and 6 inch sizes.

which are put up in cases of 500	each.		
100	1000		100 1000
2 1/4 inch pots\$0.65	\$ 3.70	4 inch pots	1.50 9.50
2 ½ inch pots		5 inch pots	
3 inch pots		6 inch pots	2.75 19.80
3 1/4 inch nots 1.15	7.60		



Fig. 332



ROSS BROS. CO. WORCESTER, MASS.



ICE TOOLS



These plows are manufactured especially for dairymen, farmers, butchers, country estates who wish the best possible tools for their use. Has five cutting teeth, one Clearer tooth. Will cut 2 inches at a time to a depth of 8 inches. Are guaranteed to give satisfaction.

8 inch Plow with adjustable guide and case \$55.00.

Send for Special Ice Tool Catalogue,



Cast Iron Tank Heater

Place this heater in one end of your stock tank and in a few minutes have water with the chill off, so the stock will drink all they want. Cows ought not to drink cold water and without water will not produce milk. This heater burns anything. Ashes can be easily removed. Price, \$13.50.

Fig. 334

"GOSHEN" ROUND END STOCK WATERING AND STORAGE TANKS



		Fig. 335			
List Weight	Height	Length	Cap.	Weight	List
No. Feet	Feet	Feet		Pounds	Price
101 2.					
102 2.					
103 2.					
104 2.		7	170	121	. 17.00
We can furnis	n any size.				,

ICE HOOKS Boston Pattern

3 1/2 ft., \$1.85 each, \$18.50 per doz.

4 feet, \$1.90 each, \$19.00 per doz.

4 1/2 ft., \$2.00 each, \$20.00 per doz.

5 feet, \$2.10 each, \$21.00 per doz.

Splitting Fork Ring Handle 2 Tine \$7.25 each 3 Tine \$8.00 each

Splitting Chisel, with Ring
Handle, \$5.00 each.
Caulking Bar, with Ring
Handle \$4.50 each

Fig. 336

THE MONCRIEF PIPELESS FURNACE

Built on scientific principles by men who know how. The one pipe furnace stands today as a wonderful invention in the heating line. The old. smoky, dirty stove has no more place in the living room than do your horses and cattle. The place for the heating plant is in the cel-These furnaces lar. are adaptable to all styles of houses and can be installed Our expromptly. pert can give you price immediately for prompt installation.

Fig. 337



BOSTON PATTERN SWELL HANDLE ICE TONGS

Every Tong Warranted.

16	½ i	ncl	ı														\$2.50	pair	
24	incl	'n.														٠	\$2.75	pair	
26	incl	h.							٠	٠					٠		\$3.00	pair	

Reference Tables

GARDEN SEEDS

	OMICDEL	SHEDS	
	Per Acre		Per Acre
Artichoke, 1 oz. to 500 plants	½ pound	Kohl Rabi, 1 oz. to 200 feet of drill	1½ pounds
Asparagus Seed, 1 oz. to 800 plants		Leek, 1 oz. to 200 feet of drill	4 "
Asparagus Roots		Lettuce, 1 oz. to 200 feet of drill	3 ''
Asparagus Roots	60 pounds	Melon, Musk, 1 oz. to 100 hills	21/2 "
Beans, Dwarf, 1 pound to 100 ft. of drill		Melon, Water, 1 oz. to 25 hills	4 "
Beans, Pole, 1 pound to 100 hills	au	Mustard, 1 oz, to 50 feet of drill	
Beet, Garden, 1 oz. to 100 ft. of drill		Okra, 1 oz. to 50 feet of drill	8 "
Beet, Sugar & Mangel, 1 oz. to 100 ft. of drill	5 ''	Onion Seed, 1 oz. to 200 feet of drill	4 to 5 ''
Broccoli, 1 oz. to 3000 plants	. 4 ozs.	Onion Seed for sets	30 to '50''
Brussels Sprouts, 1 oz. to 3000 plants	. 4 ''	Onion Sets, 2 pounds to 50 feet of drill	250 ''
Cabbage, 1 oz. to 3000 plants	. 4 ''	Parsnip, 1 oz. to 200 feet of drill	4 "
Carrot, 1 oz. to 150 feet of drill		Parsley, 1 oz. to 200 feet of drill	4 ''
Cauliflower, 1 oz. to 3000 plants		Peas, Garden, 1 pound to 100 foot drill	100 ''
Celery, 1 oz. to 10,000 plants	. 4 ''	Pepper, 1 oz. to 1500 plants	4 ozs.
Celeriac, 1 oz. to 10,000 plants		Potatoes	to 700 pounds
Chervil, 1 oz. to 8000 plants		Pumpkin, 1 oz. to 50 hills	3 ' ' '
Chicory		Radish, 1 oz. to 150 feet of drill	8 to 10 ''
Collards, 1 oz. to 5000 plants		Sage, 1 oz. to 100 feet of drill	5 ''
Corn. Sweet, 1/4 pound to 100 hills	12 ''	Salsify, 1 oz. to 60 foot row	8 "
Cress, 1 oz. to 150 feet of drill	12 ''	Spinach, 1 oz. to 100 feet of drill	12 ''
Cucumber, 1 oz. to 50 hills	2 1/2 ''	Squash, Summer, 1 oz. to 25 hills	4 "
Dandelion, 1 oz, to 200 feet of drill	2	Squash, Winter, 1 oz. to 10 hills	4
Dill, 1 oz. to 200 feet of drill		Tomato, 1 oz. to 2500 plants	3 ozs.
Egg Plant, 1 oz. to 2000 plants	. 4 ozs.	Tobacco, 1 oz. to 5000 plants	
Endive, 1 oz. to 300 feet of drill	4½ pounds	Turnip, 1 oz. to 200 feet of drill	1½ pounds
Kale, 1 oz. to 3000 plants		Turnip, Ruta Baga, 1 oz. to 150 feet of drill	1 "

GRAIN AND FORAGE CROPS

Lbs. per acre weight per bu	Lbs. per acre weight per bu.
Alfalfa 15-25 60	Oats for grain
Barley, for grain	Oats for forage
Barley, for forage	Peas, Field, Broadcast
Beans, Soy or Soja 60-75 60	Peas with oats
Buckwheat 50-75 48	Rye for grain 56
Clover, Alsike 6-8 60	Rye for forage 56
Clover, Crimson 18-20 60	Rape, Dwarf Essex, in drills 4-6 50
Clover, Mammoth Red 10-12 60	Rape, Dwarf Essex, broadcast 8-10 50
Clover, Medium Red	Sudan Grass, in drills
Clover, White Sweet	Sudan Grass, broadcast 18-20 40
Corn, Flint for grain 15 56 Corn, Dent for silage 20-30 56	Vetch, Spring, with one bushel small grain . 40 60 60
Corn, Dent for shage	Vetch, Winter or Hairy, with one bushel
Millet, Golden 50 50 Millet, Hungarian 50 48	small grain 40-60 60
Millet, Japanese	Wheat
Millet, Japanese	

GRASS SEEDS

Lbs. per acre weight per bu.	Lbs. per acre weight per bu.
Awnless Brome	Rye Grass, English
Blue Grass, Canada	Rye Grass, Italian
Blue Grass, Canada Blue Grass, Kentucky	Rye Grass, Pacey's
	Red Top, Recleaned seed, Worcester Brand. 40-50 36
Creeping Bent	Red Top, Unhulled seed
Crested Dogstail	Rhode Island Bent
Fescue, Hard	Rough Stalk Meadow
Fescue, Meadow	Sweet Vernal, use only in mixture.
Fescue, Red or Creeping 30 16	Tall Meadow Oat
Fescue, Sheep's	Timothy
Fescue, Various Leaved 20-25 15	Lawn Seed Mixture, Shady Spot
Meadow Foxtail	Lawn Seed Mixture, Worcester Brand 100-125 25
Orchard Grass	Wood Meadow

NUMBER OF PLANTS, TREES, ETC., REQUIRED TO SET AN ACRE

	Dia	stance	e.									N	vu:	mber.	1	1	Dist	anc	e.													Nu	mbe	r.
1	foo	t by	1	foot	 	 	 	 	 		 	 		43,560		6	feet	; b	У	6	fee	t.	 		 	 	 	 	 	 			1.21	0
1 1/2		-	1 1/2											19,360		8	"			8	4.4	٠.	 		 		68	0						
2	6.6		1		 		21,780		10	4 4		1	10			 			43	4														
2	4.4		2	6.4	 		10,890		12	4.4		1	18	6.6		 		30	2															
21			21/6	4 4	 		6,970		15	6.6			15	6 4		 	 		 		 	 				19	4							
3			1	4.4	 		14.520	1	18			1	18	6 6												13	1							
3	6.6		2	1.4										7.260		20	4.4		- 5	20													10	3
3	4.4		3	4.4										4.840		25	4.4		- 6	25											: : :		7	ő
4			4	6.6										2.722		30	4.4		- 2	30	4.6												4	ň
5			5	1.1										1,742		40	6.4		4	10	4.6												2	7

THE WORCESTER "DOLLAR" COLLECTION OF ANNUAL FLOWERS

Twenty-two packets postpaid for \$1.00

Each the best in its class. With one of these collections you can have flowers all Summer.

Candytuft, Mixed Colors.

Phlox Drummondii, Mixed.

Ageratum, Little Dorrit,
Alyssum, Little Dorrit,
Alyssum, Little Dorrit,
Edyssum, Little Dorrit,
Edyssum, Choice Mixed,
Eatsam, Choice Mixed,
Batchelor's Button, Single and Double Mixed,
California Poppy, Mixed
Collorsia, Mixed Colors.
Calliopsis, Mixed Colors.

Candytuft, Mixed Colors, Gixed. Cosmos, Enrly Flowering, Mixed. Cosmos, Enrly Flowering, Mixed. Pour O'Clook, Mixed Colors, Marigold, African Double Mixed. Mignonette, Grandiflora, Mixed, Nasturtium, Dwarf Worcester Mixed. Petunia, Finest Mixed.

Poppy, Worcester Mixed.
Portulaca, Single Mixed.
Scabiosa, Mixed Colors.
Sweet Peas, Spencer Varieties Mixed.
Zinnia, Mammoth Mixed Colors

The above collection will be sent postpaid to any address in the United States for \$1.00. Postpaid to Canada 10 cents extra. Purchased separately these seeds would cost \$1.60.

INDEX

FARM, GARDEN AND FLOWER SEEDS, BULBS AND PLANTS

I PARAIVI,		FLOWER SEEDS	, DULDS AND F	LANIS
Page	Page	Page	Page	Page
Abronia 50 Acbillea 50 Acroclinium 50 Adlumia 50	Candytuft 52 Cannas 52, 74 Canterbury Bells 52 Carnation 52 Corner 27	Dianthus	Lavetera Tremestris 59	Pumpkin 43 Prethrum 65 Radisb 43, 44 Rainbow Corn 54
Acroclinium 50	Canterbury Bells 52	34 Dollichos 56 Egg Plant 34 Endive 34 Euphorbia 57 Eschscholtzia 56 56	Lavender 59 Leek	Radish 43 44
Adlumia 50	Carnation 52	Dolichos 56	Leek	Rainbow Corn 54
Adonis 50 Ageratum 50	Carrot 31	Egg Plant 34	Linum 59	Rape 10
Ageratum 50	Garnation 52 Carrot 31 Castor Bean 53 Gauliflower 22 Geleriac 32 Celery 22 Celery 22 Celosia 53 Centaurea 53 Chervil 32 Chicory 34 Chires 53 Chives 34	Euphorbia 57	Linum 59 Lobelia 59 Lupin 59	Kainbow Corn 54 Kape 10 Rhodanthe 65 Rbubarb 22 44 Rocket 65 Roses 74 Riceckia 65 Salbiglosis 25 Salbiglosis 65 Scabiosa 66 Scabiosa 65 Scabiosa 65 Schizanthus 66
Agrostemma 50 Alfalfa 8	Celeriac 32	Eschscholtzia 56	Lychnis 60 Maderia Vine 74 Mangel-Wurzels 28-29 Marigold 60 Mathiola Bicornis 60	Rocket 65
Alyssum 50 Amaranthus 50	Celery 22, 32	Eschscholtzia 56 Exacum Affine 57 Flower Collection 119 Forget-Me-Not 57 Four O'Clock 57 Fruit Trees 75 Geillardia 57 Geranium 57 Genm 57	Maderia Vine 74	Roses 74
Amaranthus 50	Celosia 53	Flower Collection 119	Mangel-Wurzels 28-29	Rudbeckia 65
Ampelopsis 50 Anchusa 50	Charvil 39	Four O'Clock 57	Marigold 60	Salpiglesis
Anemone 50 Anthemis Tinctora 50	Chicory 34	Fruit Trees 75		Salsify
Anthemis Tinctora 50	Chinese Woolflower 53	Gaillardia 57	Melon	Salvia 65
Antirrhinium 50 Aquilegia 51		Geranium 57	Mignonette 60	Scabiosa 66
Aquilegia 51 Arabis 51	Chrysanthemum 53 Gineraria 52 Ginnamon 74 Glarkia 54 Clematis 54 Cleowe 54 Clovers 6, 12 Cockecomb 53 Coix Lachryma 54 Coleus 54 Coleus 54 Coleus 54	Geum 57 Gladiolus 70-71 Globe Amaranth 57 Gloxinia 57 Godotic 57	Millet	Salvisa 65 Scabiosa 66 Scabiosa 66 Scabiosa 66 Schamrock 66 Silene 66 Silene 64 Spinacb 44 Squasb 45 Stock 66 Stocksia Cyanea 66 Thunbergia 69 Th
Arabis 51 Arcototis 51 Aristolochia 51	Cinnamon Vine 74	Globe Amaranth 57	Moonflower 60	Shamrock 66
Aristolochia 51	Clarkia 54	Gloxinia 57	Morning Glory 54, 61	Silene 66
Articboke	Clematis 54	Godetia	Mushrooms 38	Spinach 44
Articboke	Clovers 6. 13	Grasses 2-5 Grasses, Ornamental . 62	Nasturtium 51 62	Stock
Asperula 51	Cobaea 54	Grasses, Ornamental . 62	Nemesia 62	Stokesia Cyanea 66
Asperula	Cockscomb 53	Grasses, Ornamental 62 Grevillea 58 Gypsophila 58 Helenium 58 Heliotrysum 58 Heliotrope 58 Heliotrope 58 Herbs 22	Mushrooms 38 Mustard 36 Nasturtium 51 62 Nemesia 62 Nemophila 62 Nicotiana 62 Nigella 62 Oats 9 Okra 38 Onion 38-32 Onion Sets 38 Pansies 63	Sundan Grass 7
Balloon vine 51 Balsam 51	Coleus 54	Helenium 58	Nicotiana 62 Nicella 62	Sweet Peas 66.69
Barley 10	Collards 34	Helichrysum 58	Oats 9	Sweet William 69
Bartonia Aurea 51 Beans 24-27 Beans, Ornamental 51	Coleus	Heliopsis 58	Okra 38	Thunbergia 69
Beans 24-27	Corporais Minor 54	Herbs 22	Onion Sate	Tobacco 47
Beans, Ornamental 51 Beans, Soy or Soja . 12 Beet	Corn. Dent 14-18	Heuchera 58	Pansies 63	Tritoma 69
Beet 27-28	Corn, Flint 16-17	Hibiscus 58	Parsley 39	Tuberoses 74
Bellis Perennis 51	Corn, Pop 22	Hollyhock 58	Parsnip 39	Turnip 47 Vegetable Collections . 22
Dird Beeds 22	Convolvulus Minor 54 Coreopsis 54 Corn, Dent 14-18 Corn, Pint 16-17 Corn, Pop 22 Corn, Salad 34 Corn, Sweet 19-25 Cosmos 54-55 Cucumber 33 Cyclamen 55 Cycress Vine 55 Dahlia 55, 72-73 Dandelion 34	Hellotrope 58 Herbs 22 Heuchera 58 Hibiscus 58 Hollyhock 58 Humulus 59 Hunnemania 59 Hoeris 59 Ice Plant 59 Ipomea 59	Peas Field 11	
Bracoycome 31 Broccoli 23 Browallia 51 Brussels Sproats 23 Buckwheat 11 Cabbage 22, 29-80 Caladium Esculentum 74	Cosmos 54-55	Iberis 59	Peas, Garden 40 41	inside front cover Verbena 69 Veronica 69
Browallia 51	Cress 34	Ice Plant 59	Peppers 22, 41	Veronica 69
Brussels Sprouts 23	Cucumber 33	Jerusalem Cherry	Petunia 63	Vetch 13 Viola Cornuta 69 Wallflower 69
Cabbage 22 29-30	Cypress Vine 55	Kale	Platycodon 64	Wallflower 60
Caladium Esculentum 74	Dahlia 55, 72-73	Kochia 59	Polemonium 64	Wbeat
	Daisy 55	Kochia 59 Kohl Rabi 35 Kudzu Vine 59	Poppy 64-65	Wild Cucumber Vine . 69
Calendula 52	Dandelion 34	Lantana 50	Portulaca 65	Wild Flower Garden
Calendula 52 Calliopsis 52 Canary Creeper 52	Dandelion 34 Datura 55 Delphinium 55-56	Lantana	Onion Sets 38 Pansies 63 Parsiely 39 Parsiely 39 Parsiely 39 Parsiely 39 Peas (19 39 Peas (20 40 Peas (20 40 Petunia 62 Petunia 64 Polemonium 64 Popy 6465 Portulaca 65 Patatoes 42-48 Primula 65	Wheat 13 Wild Cucumber Vine 69 Wild Flower Garden Mixture 69 Zinnia 69
Onnary Crooper 1: 11 02				
TOOLS INSE	CTICIDES, FER	TILIZER AND G		REQUISITES
TOOLS, INSE	CTICIDES, FER		ENERAL FARM	REQUISITES
	Page	Page	ENERAL FARM Page	Page
	Page	Page Grass Catcher 115	Page Parcel Post Box 91	Page
	Page	Page Grass Catcher 115 Grinders	Page Parcel Post Box 91	Slug Shot
	Page	Page Grass Catcher 115 Grinders	Page Parcel Post Box	Page Slug Sbot
	Page	Page Grass Catcher 115 Grinders	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page Slug Sbot
	Page	Page Grass Catcher 115 Grinders 89 Grindstones 87 Grit and Shell Box 91 Handles, Shovel 108	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page Slug Sbot
	Page	Page Grass Catcher 115 Grinders 89 Grindstones 87 Grit and Shell Box 91 Handles, Shovel 108	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page Slug Sbot
	Page	Page Grass Catcher 115 Grinders 89 Grindstones 87 Grit and Shell Box 91 Handles, Shovel 108	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page Page Slug Sbot 112 Snap Harness 105 Sowers Sprayers 108-109-110-111 Sprinklers 104 Spreaders 36 Spraules 54 Stankhous 90 Stankhous 90 Stankhous 90 Stankhous 90 90 112 12 12 12 12 12 12
	Page	Page Grass Catcher 115 Grinders 89 Grindstones 87 Grit and Shell Box 91 Handles, Shovel 108	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page Page Slug Sbot 112 Snap Harness 105 Sowers Sprayers 108-109-110-111 Sprinklers 104 Spreaders 36 Spraules 54 Stankhous 90 Stankhous 90 Stankhous 90 Stankhous 90 90 112 12 12 12 12 12 12
Arsenate of Lead 112 Asb Sifter 102 Ashes, Hardwood 76 Atomizers 110-111 Axes 1015 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 99 Baskets 116	Page	Page Grass Catcher 115 Grinders 89 Grindstones 87 Grit and Shell Box 91 Handles, Shovel 108	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page
Arsenate of Lead 112 Asb Sifter 102 Ashes, Hardwood 76 Atomizers 110-111 Axes 1015 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 99 Baskets 116	Page	Page Page Crists Carlot Carlo	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page
Arsenate of Lead 112 Asb Sifter 102 Ashes, Hardwood 76 Atomizers 110-111 Axes 1015 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 99 Baskets 116	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coops, Brood 92 Coops, Brood 93 Coops, Brood 94 Coops 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 70 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 98 Root 97 Root	Page Page Crists Carlot Carlo	Page Parcel Post Box 91 Paris Green 112 Picks, Mattocks, etc. 108 Plant Protectors 112	Page
Arsenate of Lead 1112 Arsenate of Lead 1112 Arse Stifter 102 Ashes, Hardwood 101 Axes 101 Axes 101 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 108 Bidner Twine 108 Binders, Corn 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Blowers, Blizzard 98 Blowers, Blizzard 98	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coops, Brood 92 Coops, Brood 93 Coops, Brood 94 Coops 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 70 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 98 Root 97 Root	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Arsenate of Lead 1112 Arse Stifter 102 Ashes, Hardwood 101 Axes 101 Axes 101 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 108 Bidner Twine 108 Binders, Corn 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Blowers, Blizzard 98 Blowers, Blizzard 98	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Arsenate of Lead 1112 Arse Stifter 102 Ashes, Hardwood 101 Axes 101 Axes 101 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 108 Bidner Twine 108 Binders, Corn 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Blowers, Blizzard 98 Blowers, Blizzard 98	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Arsenate of Lead 1112 Arse Stifter 102 Ashes, Hardwood 101 Axes 101 Axes 101 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 108 Bidner Twine 108 Binders, Corn 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Blowers, Blizzard 98 Blowers, Blizzard 98	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 101 Askes 101 Axes 101 Axes 101 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 108 Basins, Buckley 108 Binder Twine 108 Binders Corn 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 108 Boart sted 108 Bottles, Milk 101	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 101 Askes 101 Axes 101 Axes 101 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 108 Basins, Buckley 108 Binder Twine 108 Binders Corn 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 108 Boart sted 108 Bottles, Milk 101	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 101 Askes 101 Axes 101 Axes 101 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 108 Basins, Buckley 108 Binder Twine 108 Binders Corn 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 108 Boart sted 108 Bottles, Milk 101	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 12 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Brooms 90 Brooms 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 12 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Brooms 90 Brooms 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 112 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Broomes 90 Broomes 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 112 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Broomes 90 Broomes 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 94 Cook 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 97 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Crists Carlot Carlo	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 112 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Broomes 90 Broomes 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 112 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Broomes 90 Broomes 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 112 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Broomes 90 Broomes 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 112 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Broomes 90 Broomes 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Arsenate of Lead 1112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 92 Barb Wire 95 Bars, Steel 108 Basins, Buckley 98 Basins, Buckley 98 Binder Twine 87 Binders, Corn 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Boat Head 108 Bone, fine ground 76 Bordeaux Mixture 112 Bottles, Mik 101 Boxes, Chick 91 Egg 102 Brooders 90 Broomes 90 Broomes 90	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Arsenate of Lead 112 Arsenate of Lead 112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 95 Bars, Steel 95 Bars, Steel 108 Basins, Buckley 98 Bains, Buckley 98 Binder Twine 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Bodier ser ground 76 Bordeaux Mixture 12 Bottles, Milk 101 Boxes, Chick 91 Bottles, Milk 102 Boxes, Chick 91 Bulk Rings 92 Bunchers, Asparagus laburners, Rubbisb 108 Bunders 90 Brooms 90 Brooms 90 Brooms 90 Bunchers, Asparagus 108 Bunchers, Asparagus 108 Bunchers, Asparagus 108 Bunchers, Asparagus 108 Bunchers, Asparagus 109 Buttermilk Food 94 Caldrons 99 Cans, Milk 100 Buttermilk Food 94 Caldrons 98 Cans, Milk 102 Cans,	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Page	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Page	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Page	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Page	Page Chick Feeders 91-93 Churns 100 Coolers Milk 100 Coolers Milk 100 Coops, Brood 92 Churns 105 Cresote 105 Cresote 105 Cresote 102 Culti-Packer 107 Cultivators 79-82-83-104 Cutters, Kraut 97 Lever 97 Lever 97 Churns 98 97 Pe Horners 92 98 99 99 99 99 99 99	Page Page Grass Catcher 115 Grinders 89 7 Grit and Shell Box 91 108 Hardress 108 Hardress 108 Hardress 108 Hardress 108 Hay Carriers 89 Hay Loader 182 Hand 104-105 Hooks Grass 104 Can 104 Hook Grass 116 Hook Grass 117 Hook Graden 107 Honders 106 Lec Tools 118 Hook Graden 107 Honders 106 Lec Tools 118 Houstons 90 Insecticides 118 Houtbook Grass 118 Houtbook Grass 118 Houtbook Graden 107 Honders 107 Honders 108 Houtbook Graden 108	Parcel Post Box	Page
Arsenate of Lead 112 Arsenate of Lead 112 Asb Sifter 102 Ashes, Hardwood 70 Ashes, Hardwood 70 Bands, Leg 95 Bars, Steel 95 Bars, Steel 108 Basins, Buckley 98 Bains, Buckley 98 Binder Twine 88 Black Leaf 40 112 Blowers, Blizzard 98 Boat Head 108 Bodier ser ground 76 Bordeaux Mixture 12 Bottles, Milk 101 Boxes, Chick 91 Bottles, Milk 102 Boxes, Chick 91 Bulk Rings 92 Bunchers, Asparagus laburners, Rubbisb 108 Bunders 90 Brooms 90 Brooms 90 Brooms 90 Bunchers, Asparagus 108 Bunchers, Asparagus 108 Bunchers, Asparagus 108 Bunchers, Asparagus 108 Bunchers, Asparagus 109 Buttermilk Food 94 Caldrons 99 Cans, Milk 100 Buttermilk Food 94 Caldrons 98 Cans, Milk 102 Cans,	Page Chick Feeders 91-93 Churns 1100 Coolers Milk 100 Cookeys Mick 100 Cresote 112 Crecks 102 Cresote 112 Crecks 102 Cresote 112 Crecks 102 Coolers 77 Cultivators 78-28-37-10 Coolers 79 Coolers 70 Coolers 70	Page Page Grass Catcher 115 Grinders 89 Grinders 89 Grinders 89 Grinders 89 Grinders 89 Grinders 80 Grinders	Parcel Post Box	Page

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and hen are securely sheltered.

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 The "Lawn Park" Coop makes an ideal place for setting a hen. Here, with park extended, she may have small range and access to food and water and not be disturbed.

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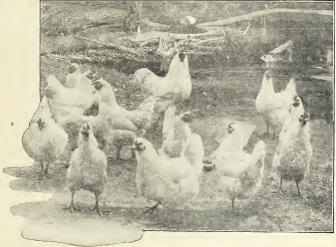
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